

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049309.D
 Acq On : 16 Jun 2018 14:35
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:22 PM

Quant Time: Jun 18 03:28:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1435680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2163722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1971177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1011335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	944184	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.59	113	856470	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.09	98	3296489	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	1114739	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	740789	44.83	ug/l	100
3) Chloromethane	2.06	50	947119	44.39	ug/l	98
4) Vinyl Chloride	2.18	62	1036371	45.70	ug/l	99
5) Bromomethane	2.56	94	508475	42.65	ug/l	96
6) Chloroethane	2.70	64	651300	48.17	ug/l	99
7) Trichlorofluoromethane	3.01	101	1336641	47.25	ug/l	100
8) Diethyl Ether	3.41	74	453933	45.96	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	834588	46.51	ug/l	94
10) Methyl Iodide	3.95	142	1036778	55.50	ug/l	92
11) Tert butyl alcohol	4.79	59	229134	205.02	ug/l	98
12) 1,1-Dichloroethene	3.73	96	765649	46.51	ug/l	90
13) Acrolein	3.61	56	237657	202.77	ug/l	98
14) Allyl chloride	4.32	41	1162737	44.73	ug/l	90
15) Acrylonitrile	4.99	53	1267270	226.76	ug/l	98
16) Acetone	3.82	43	886062	191.65	ug/l	93
17) Carbon Disulfide	4.05	76	2269038	43.98	ug/l	100
18) Methyl Acetate	4.33	43	628252	44.57	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	2013646	47.98	ug/l	99
20) Methylene Chloride	4.55	84	882436	45.70	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	824934	47.33	ug/l	92
22) Diisopropyl ether	5.95	45	2606514	50.22	ug/l	96
23) Vinyl Acetate	5.90	43	8186026	241.92	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1565349	47.12	ug/l	99
25) 2-Butanone	6.84	43	1310089	211.03	ug/l	97
26) 2,2-Dichloropropane	6.82	77	808303	30.13	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	924775	47.73	ug/l	89
28) Bromochloromethane	7.19	49	712805	48.40	ug/l	# 83
29) Tetrahydrofuran	7.21	42	910472	227.83	ug/l	95
30) Chloroform	7.37	83	1582620	47.87	ug/l	99
31) Cyclohexane	7.65	56	1397694	49.63	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1358574	48.16	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1211670	48.86	ug/l	98
37) Ethyl Acetate	6.93	43	636730	47.23	ug/l	97
38) Carbon Tetrachloride	7.77	117	1222309	47.61	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049309.D
 Acq On : 16 Jun 2018 14:35
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:22 PM

Quant Time: Jun 18 03:28:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1278311	48.02	ug/l	95
40) Benzene	8.04	78	3619724	47.61	ug/l	99
41) Methacrylonitrile	7.17	41	343478	47.13	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1100886	46.87	ug/l	96
43) Isopropyl Acetate	8.17	43	1201763	46.66	ug/l	97
44) Trichloroethene	8.83	130	963920	48.01	ug/l	96
45) 1,2-Dichloropropane	9.12	63	944727	47.46	ug/l	100
46) Dibromomethane	9.21	93	536557	46.49	ug/l	91
47) Bromodichloromethane	9.40	83	1211001	47.74	ug/l	97
48) Methyl methacrylate	9.20	41	560997	46.25	ug/l	86
49) 1,4-Dioxane	9.20	88	152746	912.39	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	3117269	230.91	ug/l	95
52) Toluene	10.16	92	2236957	50.13	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1095199	45.13	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1305448	45.56	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	770270	46.31	ug/l	96
56) Ethyl methacrylate	10.43	69	939685	48.97	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	1313145	47.65	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	1475294	217.04	ug/l	95
59) 2-Hexanone	10.75	43	1972453	226.63	ug/l	94
60) Dibromochloromethane	10.90	129	888403	47.85	ug/l	99
61) 1,2-Dibromoethane	11.01	107	740387	47.88	ug/l	99
64) Tetrachloroethene	10.63	164	1021234	50.56	ug/l	99
65) Chlorobenzene	11.44	112	2434450	47.94	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	907622	47.50	ug/l	99
67) Ethyl Benzene	11.51	91	4262463	50.61	ug/l	98
68) m/p-Xylenes	11.62	106	3253600	102.93	ug/l	98
69) o-Xylene	11.95	106	1566084	51.44	ug/l	96
70) Styrene	11.97	104	2570110	53.51	ug/l	97
71) Bromoform	12.13	173	583910	47.21	ug/l #	100
73) Isopropylbenzene	12.25	105	4221278	47.54	ug/l	98
74) N-amyl acetate	12.07	43	985995	45.33	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	863946	47.17	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	754363m	43.72	ug/l	
77) Bromobenzene	12.53	156	1035410	44.14	ug/l	90
78) n-propylbenzene	12.59	91	4803390	49.27	ug/l	99
79) 2-Chlorotoluene	12.68	91	2855344	46.22	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3451165	49.45	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	204362	37.43	ug/l	93
82) 4-Chlorotoluene	12.78	91	2846173	47.76	ug/l	97
83) tert-Butylbenzene	12.99	119	2922979	47.27	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3498931	50.46	ug/l	98
85) sec-Butylbenzene	13.17	105	3918273	47.61	ug/l	99
86) p-Isopropyltoluene	13.29	119	3353855	48.78	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1816095	47.07	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1763761	46.12	ug/l	99
89) n-Butylbenzene	13.62	91	2638798	49.13	ug/l	98
90) Hexachloroethane	13.88	117	654601	50.32	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	1756023	46.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	127362	41.20	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049309.D
Acq On : 16 Jun 2018 14:35
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/18/2018 3:16:22 PM

Quant Time: Jun 18 03:28:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	718472	42.24	ug/l	99
94) Hexachlorobutadiene	15.01	225	540659	48.78	ug/l	99
95) Naphthalene	15.14	128	1321832	43.94	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	723314	43.17	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049309.D
Acq On : 16 Jun 2018 14:35
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/18/2018 3:16:22 PM

Quant Time: Jun 18 03:28:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

