

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049528.D
 Acq On : 25 Jun 2018 22:47
 Operator : MD\SY
 Sample : VN0625MBS01
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Manual Integrations
 APPROVED

apatel
 6/26/2018 5:14:37 PM

Quant Time: Jun 26 03:24:29 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	1427350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2133484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1926359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	910447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	938552	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.59	113	841285	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.09	98	3158711	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.40	95	1013250	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	263608	16.05	ug/l	99
3) Chloromethane	2.06	50	347163	16.36	ug/l	99
4) Vinyl Chloride	2.18	62	380672	16.88	ug/l	99
5) Bromomethane	2.57	94	199654	16.85	ug/l	98
6) Chloroethane	2.71	64	237848	17.69	ug/l	98
7) Trichlorofluoromethane	3.02	101	530211	18.85	ug/l	98
8) Diethyl Ether	3.41	74	181952	18.53	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	318491	17.85	ug/l	92
10) Methyl Iodide	3.95	142	365323	19.67	ug/l	92
11) Tert butyl alcohol	4.80	59	103055	92.75	ug/l	98
12) 1,1-Dichloroethene	3.73	96	287057	17.54	ug/l	92
13) Acrolein	3.61	56	132151	113.41	ug/l	99
14) Allyl chloride	4.32	41	471393	18.24	ug/l	90
15) Acrylonitrile	5.00	53	531211	95.61	ug/l	96
16) Acetone	3.82	43	380696	82.82	ug/l	93
17) Carbon Disulfide	4.05	76	824502	16.07	ug/l	99
18) Methyl Acetate	4.33	43	307523	21.94	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	791253	18.96	ug/l	99
20) Methylene Chloride	4.55	84	350296	18.25	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	316942	18.29	ug/l	87
22) Diisopropyl ether	5.96	45	1022020	19.81	ug/l	99
23) Vinyl Acetate	5.90	43	3108791	92.41	ug/l	96
24) 1,1-Dichloroethane	5.85	63	620140	18.78	ug/l	98
25) 2-Butanone	6.84	43	548226	88.82	ug/l	97
26) 2,2-Dichloropropane	6.83	77	459047	17.21	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	358289	18.60	ug/l	92
28) Bromochloromethane	7.20	49	298215	20.37	ug/l	84
29) Tetrahydrofuran	7.22	42	370652	93.29	ug/l	95
30) Chloroform	7.37	83	627041	19.08	ug/l	98
31) Cyclohexane	7.66	56	512588	18.19	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	532475	18.99	ug/l	97
36) 1,1-Dichloropropene	7.80	75	459068	18.77	ug/l	98
37) Ethyl Acetate	6.93	43	257530	19.37	ug/l	97
38) Carbon Tetrachloride	7.77	117	470549	18.59	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049528.D
 Acq On : 25 Jun 2018 22:47
 Operator : MD\SY
 Sample : VN0625MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0625MBS01

Manual Integrations
 APPROVED

apatel
 6/26/2018 5:14:37 PM

Quant Time: Jun 26 03:24:29 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	467239	17.80	ug/l	96
40) Benzene	8.04	78	1403953	18.73	ug/l	99
41) Methacrylonitrile	7.18	41	126081m	17.54	ug/l	
42) 1,2-Dichloroethane	8.13	62	442440	19.10	ug/l	97
43) Isopropyl Acetate	8.17	43	540641	21.29	ug/l	100
44) Trichloroethene	8.84	130	381100	19.25	ug/l	92
45) 1,2-Dichloropropane	9.12	63	369926	18.85	ug/l	99
46) Dibromomethane	9.21	93	221656	19.48	ug/l	91
47) Bromodichloromethane	9.40	83	476842	19.07	ug/l	98
48) Methyl methacrylate	9.20	41	235194	19.66	ug/l	89
49) 1,4-Dioxane	9.20	88	61183	370.64	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1279238	96.10	ug/l	95
52) Toluene	10.16	92	859315	19.53	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	434697	18.17	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	523210	18.52	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	312867	19.07	ug/l	97
56) Ethyl methacrylate	10.43	69	345005	18.23	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	520592	19.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	486341	82.10	ug/l	93
59) 2-Hexanone	10.75	43	786472	91.64	ug/l	94
60) Dibromochloromethane	10.90	129	342842	18.73	ug/l	100
61) 1,2-Dibromoethane	11.01	107	295194	19.36	ug/l	99
64) Tetrachloroethene	10.63	164	415899	21.07	ug/l	96
65) Chlorobenzene	11.44	112	920222	18.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	352086	18.85	ug/l	100
67) Ethyl Benzene	11.51	91	1559899	18.95	ug/l	97
68) m/p-Xylenes	11.62	106	1192794	38.61	ug/l	97
69) o-Xylene	11.95	106	574045	19.29	ug/l	96
70) Styrene	11.97	104	901014	19.20	ug/l	98
71) Bromoform	12.13	173	229721	19.00	ug/l #	100
73) Isopropylbenzene	12.25	105	1512934	18.93	ug/l	97
74) N-amyl acetate	12.07	43	351015	17.93	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	332591	18.83	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	318430m	20.50	ug/l	
77) Bromobenzene	12.53	156	464407	21.99	ug/l	73
78) n-propylbenzene	12.59	91	1701444	19.38	ug/l	98
79) 2-Chlorotoluene	12.68	91	1050988	18.90	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1250745	19.91	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	86691	17.64	ug/l	93
82) 4-Chlorotoluene	12.78	91	1027501	19.15	ug/l	97
83) tert-Butylbenzene	12.99	119	1042737	18.73	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1235773	19.80	ug/l	99
85) sec-Butylbenzene	13.17	105	1384936	18.69	ug/l	99
86) p-Isopropyltoluene	13.29	119	1167746	18.86	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	642733	18.50	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	616543	17.91	ug/l	100
89) n-Butylbenzene	13.62	91	832371	17.22	ug/l	98
90) Hexachloroethane	13.88	117	244097	19.81	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	629115	18.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48074	17.27	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062518\
Data File : VN049528.D
Acq On : 25 Jun 2018 22:47
Operator : MD\SY
Sample : VN0625MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Manual Integrations
APPROVED

apatel
6/26/2018 5:14:37 PM

Quant Time: Jun 26 03:24:29 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	193318	15.95	ug/l	97
94) Hexachlorobutadiene	15.01	225	201375	18.50	ug/l	98
95) Naphthalene	15.14	128	439347	18.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	218624	16.79	ug/l	98

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

