

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055743.D
 Acq On : 23 May 2019 9:21
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:20:49 AM

Quant Time: May 24 06:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 05:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	358421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	526240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	438957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	2841	1.050	ug/l	96
3) Chloromethane	2.06	50	3883	1.064	ug/l	93
4) Vinyl Chloride	2.18	62	4263	1.082	ug/l	99
6) Chloroethane	2.69	64	2429	1.098	ug/l	89
7) Trichlorofluoromethane	3.01	101	5352	1.060	ug/l	99
8) Diethyl Ether	3.40	74	2598	1.265	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.75	101	3229m	1.047	ug/l	
12) 1,1-Dichloroethene	3.73	96	3431	1.057	ug/l	97
14) Allyl chloride	4.31	41	5596	1.066	ug/l	90
15) Acrylonitrile	5.00	53	8716	5.362	ug/l	96
16) Acetone	3.82	43	9404	5.852	ug/l	99
17) Carbon Disulfide	4.04	76	10024	1.111	ug/l	98
18) Methyl Acetate	4.33	43	5888	1.714	ug/l	91
19) Methyl tert-butyl Ether	5.05	73	11322	1.057	ug/l	92
20) Methylene Chloride	4.54	84	4266	1.173	ug/l	89
21) trans-1,2-Dichloroethene	5.03	96	3623	1.049	ug/l	85
22) Diisopropyl ether	5.95	45	11139	1.067	ug/l #	80
23) Vinyl Acetate	5.90	43	46966	5.304	ug/l	98
24) 1,1-Dichloroethane	5.85	63	6795	1.118	ug/l #	90
25) 2-Butanone	6.85	43	12629	5.639	ug/l	96
26) 2,2-Dichloropropane	6.82	77	6461	1.200	ug/l	91
27) cis-1,2-Dichloroethene	6.83	96	4254m	1.054	ug/l	
28) Bromochloromethane	7.20	49	2972	1.107	ug/l #	99
29) Tetrahydrofuran	7.22	42	7978	5.388	ug/l	98
30) Chloroform	7.37	83	6493	1.037	ug/l	97
32) 1,1,1-Trichloroethane	7.56	97	5912	1.055	ug/l #	49
36) 1,1-Dichloropropene	7.79	75	5134	1.100	ug/l	95
37) Ethyl Acetate	6.94	43	4491	1.062	ug/l #	75
38) Carbon Tetrachloride	7.77	117	5250	1.051	ug/l #	92
39) Methylcyclohexane	9.08	83	6266	1.107	ug/l	95
40) Benzene	8.04	78	14894	1.078	ug/l	97
41) Methacrylonitrile	7.18	41	2567	1.398	ug/l #	79
42) 1,2-Dichloroethane	8.12	62	4764	1.067	ug/l	88
43) Isopropyl Acetate	8.17	43	8127	1.103	ug/l #	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055743.D
 Acq On : 23 May 2019 9:21
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:20:49 AM

Quant Time: May 24 06:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 05:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	3923	1.008	ug/l	90
45) 1,2-Dichloropropane	9.12	63	3692	1.016	ug/l	95
46) Dibromomethane	9.21	93	2333	0.979	ug/l	94
47) Bromodichloromethane	9.40	83	5266	1.059	ug/l	97
48) Methyl methacrylate	9.20	41	3337	1.011	ug/l	90
49) 1,4-Dioxane	9.20	88	1467	22.421	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	23038	5.291	ug/l	98
52) Toluene	10.16	92	9119	1.050	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	5019	0.940	ug/l #	84
54) cis-1,3-Dichloropropene	9.84	75	5735	0.980	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	3573	1.001	ug/l	98
56) Ethyl methacrylate	10.43	69	5405	0.969	ug/l #	90
57) 1,3-Dichloropropane	10.71	76	5915	1.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	9483	4.095	ug/l	100
59) 2-Hexanone	10.75	43	15939	5.209	ug/l	95
60) Dibromochloromethane	10.90	129	4075	1.007	ug/l	100
61) 1,2-Dibromoethane	11.01	107	3695	1.033	ug/l	94
64) Tetrachloroethene	10.63	164	4184	1.199	ug/l	95
65) Chlorobenzene	11.43	112	9277	1.047	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	3953	1.110	ug/l #	66
67) Ethyl Benzene	11.51	91	16957	1.071	ug/l	99
68) m/p-Xylenes	11.62	106	12449	2.082	ug/l	97
69) o-Xylene	11.95	106	6482	1.105	ug/l	94
70) Styrene	11.96	104	9412	0.968	ug/l	97
71) Bromoform	12.13	173	2927	0.967	ug/l #	98
73) Isopropylbenzene	12.25	105	16363	1.344	ug/l	97
74) N-amyl acetate	12.07	43	5871	1.401	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	4844	1.292	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	3788m	1.233	ug/l	
77) Bromobenzene	12.53	156	3681	1.195	ug/l	85
78) n-propylbenzene	12.59	91	15410	1.168	ug/l	100
79) 2-Chlorotoluene	12.67	91	9987	1.242	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	13295	1.300	ug/l	97
82) 4-Chlorotoluene	12.77	91	8755	1.125	ug/l	99
83) tert-Butylbenzene	12.99	119	12141	1.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	12324	1.223	ug/l	100
85) sec-Butylbenzene	13.17	105	13915	1.221	ug/l	99
86) p-Isopropyltoluene	13.29	119	12264	1.171	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	5586	1.103	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	5175m	1.075	ug/l	
89) n-Butylbenzene	13.61	91	8629	1.060	ug/l	99
90) Hexachloroethane	13.87	117	2402	1.201	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	5584	1.107	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	782	1.172	ug/l	89
93) 1,2,4-Trichlorobenzene	14.91	180	1945	0.768	ug/l	87
94) Hexachlorobutadiene	15.01	225	2334	1.300	ug/l	92
95) Naphthalene	15.13	128	5743	0.839	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	2130	0.798	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
Data File : VN055743.D
Acq On : 23 May 2019 9:21
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
5/24/2019 9:20:49 AM

Quant Time: May 24 06:39:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 05:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

