

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061538.D
 Acq On : 28 May 2020 17:45
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:46:44 PM

Quant Time: May 29 01:51:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	414223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	695831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	624291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	274006	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	1.83	85	3305	0.909	ug/l	96
3) Chloromethane	2.03	50	5451	0.978	ug/l	89
4) Vinyl Chloride	2.16	62	6780	0.862	ug/l	95
6) Chloroethane	2.67	64	4772	0.906	ug/l	95
7) Trichlorofluoromethane	2.98	101	9356	0.970	ug/l	100
8) Diethyl Ether	3.37	74	2995	1.064	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4198	1.045	ug/l	96
12) 1,1-Dichloroethene	3.69	96	4797	1.132	ug/l	83
14) Allyl chloride	4.27	41	6170	0.933	ug/l	93
15) Acrylonitrile	4.93	53	8989	4.371	ug/l	96
16) Acetone	3.77	43	15734	8.572	ug/l	98
17) Carbon Disulfide	4.01	76	10726	1.032	ug/l	96
18) Methyl Acetate	4.28	43	5239	1.108	ug/l #	74
19) Methyl tert-butyl Ether	4.99	73	15797	1.002	ug/l	95
20) Methylene Chloride	4.50	84	11826	2.361	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	5438	1.126	ug/l #	83
22) Diisopropyl ether	5.89	45	12506	0.839	ug/l #	79
23) Vinyl Acetate	5.84	43	49771	4.198	ug/l	96
24) 1,1-Dichloroethane	5.80	63	8250	0.940	ug/l #	93
25) 2-Butanone	6.79	43	12455	4.573	ug/l	99
26) 2,2-Dichloropropane	6.77	77	8340	1.002	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	5401	0.948	ug/l	94
28) Bromochloromethane	7.15	49	4519	1.245	ug/l #	88
29) Tetrahydrofuran	7.17	42	8059	4.468	ug/l #	72
30) Chloroform	7.33	83	9139	0.991	ug/l	88
32) 1,1,1-Trichloroethane	7.53	97	8177	0.969	ug/l #	47
36) 1,1-Dichloropropene	7.74	75	6149	0.959	ug/l	98
37) Ethyl Acetate	6.88	43	4137	0.713	ug/l #	88
38) Carbon Tetrachloride	7.73	117	5066	0.854	ug/l	92
39) Methylcyclohexane	9.05	83	7467	0.951	ug/l	93
40) Benzene	8.00	78	19700	1.018	ug/l	97
41) Methacrylonitrile	7.13	41	2642	1.108	ug/l #	85
42) 1,2-Dichloroethane	8.08	62	6686	0.969	ug/l	100
43) Isopropyl Acetate	8.13	43	9009	0.897	ug/l #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061538.D
 Acq On : 28 May 2020 17:45
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:46:44 PM

Quant Time: May 29 01:51:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	5781	1.104	ug/l	95
45) 1,2-Dichloropropane	9.08	63	4422	0.920	ug/l	93
46) Dibromomethane	9.18	93	3788	1.108	ug/l	92
47) Bromodichloromethane	9.37	83	6451	0.905	ug/l	96
48) Methyl methacrylate	9.17	41	4599	0.997	ug/l #	79
49) 1,4-Dioxane	9.16	88	1474	25.530	ug/l #	81
51) 4-Methyl-2-Pentanone	9.95	43	24680	4.504	ug/l	95
52) Toluene	10.12	92	12126	0.972	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	7062	0.908	ug/l	90
54) cis-1,3-Dichloropropene	9.81	75	7698	0.926	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	4990	1.055	ug/l	97
56) Ethyl methacrylate	10.40	69	6198	0.848	ug/l	95
57) 1,3-Dichloropropane	10.68	76	7915	0.978	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	11257	3.512	ug/l	100
59) 2-Hexanone	10.72	43	17217	4.346	ug/l	94
60) Dibromochloromethane	10.87	129	4988	0.946	ug/l	95
61) 1,2-Dibromoethane	10.98	107	4833	0.969	ug/l	93
64) Tetrachloroethene	10.60	164	5926	1.190	ug/l	93
65) Chlorobenzene	11.41	112	12911	1.017	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.48	131	4837	1.056	ug/l #	62
67) Ethyl Benzene	11.48	91	22387	0.978	ug/l	95
68) m/p-Xylenes	11.60	106	17070	1.951	ug/l	98
69) o-Xylene	11.92	106	7829	0.925	ug/l	90
70) Styrene	11.94	104	12294	0.878	ug/l	95
71) Bromoform	12.10	173	3042	0.929	ug/l #	100
73) Isopropylbenzene	12.22	105	21007	0.976	ug/l	97
74) N-amyl acetate	12.05	43	5296	0.683	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.48	83	6209	1.047	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	5504m	0.965	ug/l	
77) Bromobenzene	12.50	156	5355	1.116	ug/l	92
78) n-propylbenzene	12.57	91	24249	0.994	ug/l	95
79) 2-Chlorotoluene	12.65	91	14569	1.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	16979	0.962	ug/l	99
82) 4-Chlorotoluene	12.75	91	15246	1.018	ug/l	96
83) tert-Butylbenzene	12.97	119	16077	1.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	16263	0.921	ug/l	97
85) sec-Butylbenzene	13.15	105	19753	0.970	ug/l	98
86) p-Isopropyltoluene	13.27	119	17631	0.969	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	8931	1.025	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	9675	1.109	ug/l	92
89) n-Butylbenzene	13.59	91	14680	0.900	ug/l	98
90) Hexachloroethane	13.85	117	1719	0.725	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	8404	1.005	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1263	1.054	ug/l	86
93) 1,2,4-Trichlorobenzene	14.88	180	4728	1.033	ug/l	99
94) Hexachlorobutadiene	14.99	225	2345	1.165	ug/l	95
95) Naphthalene	15.11	128	13412	0.925	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	4647	1.017	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
Data File : VN061538.D
Acq On : 28 May 2020 17:45
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
5/29/2020 5:46:44 PM

Quant Time: May 29 01:51:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 01:43:07 2020
Response via : Initial Calibration

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

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

