

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061559.D
 Acq On : 29 May 2020 12:05
 Operator : JC/MD
 Sample : VN0529WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:29:51 PM

Quant Time: May 30 06:29:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	325113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	551767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	521532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	251234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	205818	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.54	113	153667	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
50) Toluene-d8	10.06	98	654101	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.37	95	234816	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	71915	19.867	ug/l	98
3) Chloromethane	2.03	50	78602	19.822	ug/l	99
4) Vinyl Chloride	2.16	62	105001	19.323	ug/l	97
5) Bromomethane	2.54	94	64504	20.687	ug/l	99
6) Chloroethane	2.67	64	68393	19.554	ug/l	99
7) Trichlorofluoromethane	2.98	101	140860	20.102	ug/l	99
8) Diethyl Ether	3.37	74	41670	19.448	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	61401	19.746	ug/l	99
10) Methyl Iodide	3.91	142	81486	18.877	ug/l	99
11) Tert butyl alcohol	4.73	59	61608	119.576	ug/l	98
12) 1,1-Dichloroethene	3.69	96	60922	18.338	ug/l	96
13) Acrolein	3.56	56	15034	79.874	ug/l	95
14) Allyl chloride	4.27	41	82086	18.900	ug/l	98
15) Acrylonitrile	4.93	53	140786	97.898	ug/l	99
16) Acetone	3.77	43	118710	107.670	ug/l	98
17) Carbon Disulfide	4.00	76	146860	20.093	ug/l	99
18) Methyl Acetate	4.27	43	67377	19.215	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	223222	19.716	ug/l	99
20) Methylene Chloride	4.50	84	70666	18.993	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	69286	18.494	ug/l	97
22) Diisopropyl ether	5.90	45	187693	19.608	ug/l	98
23) Vinyl Acetate	5.84	43	752056	98.573	ug/l	99
24) 1,1-Dichloroethane	5.79	63	115848	19.085	ug/l	99
25) 2-Butanone	6.78	43	179856	97.973	ug/l	100
26) 2,2-Dichloropropane	6.77	77	109976	19.795	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	81824	19.288	ug/l	97
28) Bromochloromethane	7.14	49	51336	21.739	ug/l	99
29) Tetrahydrofuran	7.16	42	119881	99.031	ug/l	100
30) Chloroform	7.33	83	130727	19.467	ug/l	99
31) Cyclohexane	7.61	56	107823	19.751	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	116961	19.114	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92302	18.897	ug/l	99
37) Ethyl Acetate	6.88	43	72794	18.503	ug/l	97
38) Carbon Tetrachloride	7.73	117	89164	18.925	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061559.D
 Acq On : 29 May 2020 12:05
 Operator : JC/MD
 Sample : VN0529WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0529WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:29:51 PM

Quant Time: May 30 06:29:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	116882	19.414	ug/l	98
40) Benzene	8.00	78	288667	19.154	ug/l	100
41) Methacrylonitrile	7.12	41	31515	17.484	ug/l	96
42) 1,2-Dichloroethane	8.08	62	99570	19.734	ug/l	97
43) Isopropyl Acetate	8.12	43	138128	19.515	ug/l	99
44) Trichloroethene	8.80	130	86315	18.636	ug/l	98
45) 1,2-Dichloropropane	9.08	63	70102	19.589	ug/l	99
46) Dibromomethane	9.17	93	53443	19.471	ug/l	95
47) Bromodichloromethane	9.37	83	105073	19.323	ug/l	98
48) Methyl methacrylate	9.17	41	57882	18.176	ug/l	98
49) 1,4-Dioxane	9.16	88	26860	544.454	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	385334	96.607	ug/l	99
52) Toluene	10.12	92	189821	19.297	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	112746	19.247	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	120677	19.159	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	77057	19.662	ug/l	96
56) Ethyl methacrylate	10.40	69	104700	19.125	ug/l	99
57) 1,3-Dichloropropane	10.68	76	124408	19.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	237006	101.306	ug/l	99
59) 2-Hexanone	10.72	43	271907	94.921	ug/l	100
60) Dibromochloromethane	10.87	129	85384	19.164	ug/l	100
61) 1,2-Dibromoethane	10.98	107	79868	19.540	ug/l	99
64) Tetrachloroethene	10.60	164	88996	18.128	ug/l	96
65) Chlorobenzene	11.41	112	203548	18.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	76122	18.858	ug/l	98
67) Ethyl Benzene	11.48	91	359092	19.165	ug/l	99
68) m/p-Xylenes	11.59	106	280903	37.810	ug/l	99
69) o-Xylene	11.92	106	134794	19.102	ug/l	99
70) Styrene	11.94	104	218622	18.709	ug/l	97
71) Bromoform	12.10	173	54304	17.459	ug/l #	100
73) Isopropylbenzene	12.22	105	356707	19.453	ug/l	99
74) N-amyl acetate	12.04	43	109321	18.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	98220	19.114	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	84657m	18.531	ug/l	
77) Bromobenzene	12.50	156	86910	18.568	ug/l	94
78) n-propylbenzene	12.56	91	399813	19.531	ug/l	99
79) 2-Chlorotoluene	12.65	91	234047	19.174	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	297357	19.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32436	18.157	ug/l	98
82) 4-Chlorotoluene	12.75	91	244384	19.031	ug/l	100
83) tert-Butylbenzene	12.97	119	260200	19.215	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	301970	19.833	ug/l	99
85) sec-Butylbenzene	13.15	105	337780	19.358	ug/l	98
86) p-Isopropyltoluene	13.26	119	315116	19.610	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	156675	18.903	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	158718	18.797	ug/l	98
89) n-Butylbenzene	13.59	91	263532	19.580	ug/l	99
90) Hexachloroethane	13.85	117	37370	21.028	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	151199	19.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19350	18.464	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
Data File : VN061559.D
Acq On : 29 May 2020 12:05
Operator : JC/MD
Sample : VN0529WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

Manual Integrations
APPROVED

MMDadoda
6/1/2020 12:29:51 PM

Quant Time: May 30 06:29:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	86966	18.773	ug/l	98
94) Hexachlorobutadiene	14.98	225	36634	18.542	ug/l	99
95) Naphthalene	15.10	128	263883	18.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	84545	18.562	ug/l	98

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

