

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061837.D
 Acq On : 16 Jun 2020 20:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN061620

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 3:45:05 PM

Quant Time: Jun 17 01:25:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	161310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	262090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129772	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	104731	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	7.55	113	89221	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.06	98	344076	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.37	95	119345	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	109957	52.374	ug/l	99
3) Chloromethane	2.03	50	117777	52.601	ug/l	99
4) Vinyl Chloride	2.16	62	142045	53.215	ug/l	100
5) Bromomethane	2.53	94	99671	48.625	ug/l	98
6) Chloroethane	2.67	64	91677	50.748	ug/l	98
7) Trichlorofluoromethane	2.98	101	153089	48.015	ug/l	97
8) Diethyl Ether	3.37	74	57464	53.610	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	84427	51.614	ug/l	98
10) Methyl Iodide	3.91	142	98629	49.965	ug/l	99
11) Tert butyl alcohol	4.73	59	74796	249.844	ug/l	98
12) 1,1-Dichloroethene	3.70	96	87148	53.172	ug/l	96
13) Acrolein	3.56	56	42681	238.539	ug/l	100
14) Allyl chloride	4.28	41	106543	48.979	ug/l	93
15) Acrylonitrile	4.93	53	199000	268.269	ug/l	100
16) Acetone	3.77	43	147802	231.291	ug/l	97
17) Carbon Disulfide	4.01	76	252579	52.668	ug/l	99
18) Methyl Acetate	4.28	43	93465	50.802	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	284654	52.162	ug/l	98
20) Methylene Chloride	4.50	84	98903	47.505	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	96726	51.380	ug/l	98
22) Diisopropyl ether	5.90	45	255966	51.451	ug/l	97
23) Vinyl Acetate	5.84	43	1045887	267.295	ug/l	99
24) 1,1-Dichloroethane	5.80	63	165367	50.777	ug/l	99
25) 2-Butanone	6.78	43	241271	258.778	ug/l	98
26) 2,2-Dichloropropane	6.78	77	134935	49.247	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	110126	50.698	ug/l	99
28) Bromochloromethane	7.15	49	71777	49.500	ug/l	99
29) Tetrahydrofuran	7.16	42	159771	260.390	ug/l	99
30) Chloroform	7.33	83	172260	49.492	ug/l	99
31) Cyclohexane	7.61	56	143345	50.280	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	148349	50.047	ug/l	100
36) 1,1-Dichloropropene	7.75	75	129614	50.541	ug/l	98
37) Ethyl Acetate	6.88	43	104249	52.056	ug/l	98
38) Carbon Tetrachloride	7.73	117	127647	50.263	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061837.D
 Acq On : 16 Jun 2020 20:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 ICVVN061620

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 3:45:05 PM

Quant Time: Jun 17 01:25:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	148634	53.825	ug/l	99
40) Benzene	8.00	78	395362	50.893	ug/l	98
41) Methacrylonitrile	7.13	41	46647m	54.471	ug/l	
42) 1,2-Dichloroethane	8.09	62	132780	50.127	ug/l	100
43) Isopropyl Acetate	8.13	43	178746	52.963	ug/l #	92
44) Trichloroethene	8.80	130	104969	51.343	ug/l	98
45) 1,2-Dichloropropane	9.09	63	97876	51.267	ug/l	100
46) Dibromomethane	9.18	93	67981	50.567	ug/l	100
47) Bromodichloromethane	9.37	83	139704	50.749	ug/l	99
48) Methyl methacrylate	9.17	41	80643	52.543	ug/l	98
49) 1,4-Dioxane	9.17	88	35635	1011.292	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	530294	265.896	ug/l	99
52) Toluene	10.12	92	257063	52.689	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	154866	52.993	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	165180	52.039	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	98824	51.482	ug/l	98
56) Ethyl methacrylate	10.40	69	142065	48.541	ug/l	98
57) 1,3-Dichloropropane	10.68	76	167713	51.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	268117	264.652	ug/l	99
59) 2-Hexanone	10.72	43	384207	241.611	ug/l	100
60) Dibromochloromethane	10.87	129	109383	51.067	ug/l	98
61) 1,2-Dibromoethane	10.98	107	103606	51.688	ug/l	100
64) Tetrachloroethene	10.60	164	86968	52.062	ug/l	98
65) Chlorobenzene	11.41	112	274835	49.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	98602	51.122	ug/l	99
67) Ethyl Benzene	11.48	91	488425	52.675	ug/l	100
68) m/p-Xylenes	11.60	106	381646	106.742	ug/l	99
69) o-Xylene	11.92	106	183258	53.718	ug/l	100
70) Styrene	11.94	104	308498	54.007	ug/l	100
71) Bromoform	12.10	173	75737	53.853	ug/l #	99
73) Isopropylbenzene	12.22	105	478840	51.925	ug/l	100
74) N-amyl acetate	12.05	43	163245	48.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	145426	48.504	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	121871m	47.835	ug/l	
77) Bromobenzene	12.50	156	115069	49.460	ug/l	99
78) n-propylbenzene	12.57	91	544223	51.720	ug/l	100
79) 2-Chlorotoluene	12.65	91	319833	50.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	396909	52.024	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	47847	51.221	ug/l	99
82) 4-Chlorotoluene	12.75	91	333474	51.067	ug/l	100
83) tert-Butylbenzene	12.97	119	335279	51.837	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	401904	53.365	ug/l	98
85) sec-Butylbenzene	13.15	105	443561	52.394	ug/l	99
86) p-Isopropyltoluene	13.27	119	404507	53.622	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	212367	50.048	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	211950	48.798	ug/l	99
89) n-Butylbenzene	13.59	91	332502	52.777	ug/l	100
90) Hexachloroethane	13.85	117	69596	50.399	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	206025	50.434	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25279	51.935	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
Data File : VN061837.D
Acq On : 16 Jun 2020 20:13
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Manual Integrations
APPROVED

MMDadoda
6/17/2020 3:45:05 PM

Quant Time: Jun 17 01:25:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	102691	53.273	ug/l	99
94) Hexachlorobutadiene	14.98	225	39188	51.617	ug/l	98
95) Naphthalene	15.10	128	305044	47.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	103194	54.055	ug/l	98

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

