

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062178.D
 Acq On : 27 Jun 2020 7:29
 Operator : JC/MD
 Sample : L3088-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MSD

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:59 PM

Quant Time: Jun 29 00:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	219020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178566	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	164162	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
35) Dibromofluoromethane	7.55	113	129535	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	10.06	98	519741	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.37	95	177877	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	163171	65.911	ug/l	100
3) Chloromethane	2.03	50	151202	51.930	ug/l	98
4) Vinyl Chloride	2.16	62	556325	142.698	ug/l	99
5) Bromomethane	2.50	94	120879	47.974	ug/l	98
6) Chloroethane	2.65	64	127165	47.749	ug/l	100
7) Trichlorofluoromethane	2.97	101	228016	47.465	ug/l	97
8) Diethyl Ether	3.37	74	88145	52.547	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	209933	83.451	ug/l	99
10) Methyl Iodide	3.91	142	148657	52.470	ug/l	100
11) Tert butyl alcohol	4.74	59	116487	263.964	ug/l	99
12) 1,1-Dichloroethene	3.69	96	155316	61.759	ug/l	99
13) Acrolein	3.56	56	120734	279.440	ug/l	98
14) Allyl chloride	4.27	41	178420	52.109	ug/l	98
15) Acrylonitrile	4.93	53	321750	267.555	ug/l	99
16) Acetone	3.77	43	258300	268.029	ug/l	96
17) Carbon Disulfide	4.00	76	354647	49.235	ug/l	99
18) Methyl Acetate	4.27	43	113906	46.619	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	433321	53.922	ug/l	98
20) Methylene Chloride	4.50	84	155927	55.286	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	154350	53.875	ug/l	95
22) Diisopropyl ether	5.90	45	420923	53.992	ug/l	98
23) Vinyl Acetate	5.84	43	1472567	231.352	ug/l	98
24) 1,1-Dichloroethane	5.80	63	259787	51.748	ug/l	100
25) 2-Butanone	6.79	43	406165	270.357	ug/l #	80
26) 2,2-Dichloropropane	6.78	77	136035	32.518	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	6070536	1883.030	ug/l	87
28) Bromochloromethane	7.15	49	109105	50.090	ug/l	98
29) Tetrahydrofuran	7.17	42	268444	272.782	ug/l	100
30) Chloroform	7.33	83	261874	51.270	ug/l	100
31) Cyclohexane	7.61	56	211138	49.721	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	217921	50.592	ug/l	98
36) 1,1-Dichloropropene	7.75	75	197528	47.233	ug/l	98
37) Ethyl Acetate	6.88	43	148432	42.864	ug/l #	80
38) Carbon Tetrachloride	7.73	117	179706	45.580	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062178.D
 Acq On : 27 Jun 2020 7:29
 Operator : JC/MD
 Sample : L3088-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MSD

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:59 PM

Quant Time: Jun 29 00:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	231094	50.434	ug/l	100
40) Benzene	8.00	78	615715	48.305	ug/l	99
41) Methacrylonitrile	7.12	41	69894	43.536	ug/l	94
42) 1,2-Dichloroethane	8.08	62	208620	48.443	ug/l	100
43) Isopropyl Acetate	8.13	43	262931	46.577	ug/l	99
44) Trichloroethene	8.81	130	12783031	3975.655	ug/l	97
45) 1,2-Dichloropropane	9.08	63	165643	52.675	ug/l	99
46) Dibromomethane	9.17	93	106030	49.731	ug/l	99
47) Bromodichloromethane	9.37	83	218979	50.867	ug/l	98
48) Methyl methacrylate	9.17	41	141553	55.926	ug/l	95
49) 1,4-Dioxane	9.17	88	56231	1001.798	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	865657	262.466	ug/l	100
52) Toluene	10.12	92	389282	50.054	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	228727	48.293	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	245927	48.772	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	152896	50.012	ug/l	98
56) Ethyl methacrylate	10.40	69	221634	54.323	ug/l	100
57) 1,3-Dichloropropane	10.68	76	267648	50.863	ug/l	100
59) 2-Hexanone	10.72	43	628829	264.036	ug/l	99
60) Dibromochloromethane	10.87	129	162024	50.059	ug/l	98
61) 1,2-Dibromoethane	10.98	107	154562	49.203	ug/l	99
64) Tetrachloroethene	10.60	164	141870	53.568	ug/l	97
65) Chlorobenzene	11.41	112	406539	47.748	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	146359	49.712	ug/l	100
67) Ethyl Benzene	11.48	91	731091	50.843	ug/l	100
68) m/p-Xylenes	11.59	106	553538	99.526	ug/l	98
69) o-Xylene	11.92	106	267284	50.935	ug/l	98
70) Stvrene	11.94	104	450200	51.442	ug/l	99
71) Bromoform	12.10	173	101511	48.494	ug/l #	100
73) Isopropylbenzene	12.22	105	697585	50.468	ug/l	99
74) N-amyl acetate	12.05	43	218355	43.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221788	48.217	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	181628m	43.208	ug/l	
77) Bromobenzene	12.50	156	165629	48.265	ug/l	97
78) n-propylbenzene	12.57	91	805910	50.972	ug/l	100
79) 2-Chlorotoluene	12.65	91	475127	49.708	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	580975	51.849	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	64991	45.151	ug/l	99
82) 4-Chlorotoluene	12.75	91	497620	50.344	ug/l	97
83) tert-Butylbenzene	12.97	119	498375	51.971	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	585902	52.354	ug/l	99
85) sec-Butylbenzene	13.15	105	658169	51.942	ug/l	99
86) p-Isopropyltoluene	13.26	119	580706	52.308	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	292113	48.476	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	291454	46.921	ug/l	99
89) n-Butylbenzene	13.59	91	474334	51.393	ug/l	99
90) Hexachloroethane	13.85	117	112219	51.521	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	282502	48.345	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37124	50.381	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	130641	51.177	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062178.D
Acq On : 27 Jun 2020 7:29
Operator : JC/MD
Sample : L3088-10MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622MSD

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:35:59 PM

Quant Time: Jun 29 00:28:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	54657	49.297	ug/l	98
95) Naphthalene	15.10	128	392058	46.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	130757	50.095	ug/l	98

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

