

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063605.D
 Acq On : 23 Sep 2020 21:42
 Operator : JC/MD
 Sample : L4082-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:16 PM

Quant Time: Sep 24 04:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	402961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196145	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	205062	49.37	ug/l	0.00
Spiked Amount						
			Recovery	=	98.74%	
35) Dibromofluoromethane	7.55	113	144296	48.01	ug/l	0.00
Spiked Amount						
			Recovery	=	96.02%	
50) Toluene-d8	10.06	98	542405	48.00	ug/l	0.00
Spiked Amount						
			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	206385	49.82	ug/l	0.00
Spiked Amount						
			Recovery	=	99.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	121908	44.097	ug/l	100
3) Chloromethane	2.04	50	151711	41.483	ug/l	100
4) Vinyl Chloride	2.16	62	147352	45.477	ug/l	97
5) Bromomethane	2.53	94	95714	49.752	ug/l	99
6) Chloroethane	2.67	64	95927	48.230	ug/l	93
7) Trichlorofluoromethane	2.98	101	239594	49.561	ug/l	99
8) Diethyl Ether	3.38	74	87771	46.574	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135913	49.992	ug/l	99
10) Methyl Iodide	3.91	142	163509	46.194	ug/l	99
11) Tert butyl alcohol	4.73	59	124791	216.856	ug/l	99
12) 1,1-Dichloroethene	3.70	96	126816	46.053	ug/l	96
13) Acrolein	3.57	56	65058	305.071	ug/l	96
14) Allyl chloride	4.28	41	238201	43.731	ug/l	96
15) Acrylonitrile	4.93	53	349811	238.980	ug/l	98
16) Acetone	3.78	43	326945	244.907	ug/l	100
17) Carbon Disulfide	4.01	76	337283	42.108	ug/l	99
18) Methyl Acetate	4.28	43	153393	45.262	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	476784	46.455	ug/l	99
20) Methylene Chloride	4.51	84	150531	44.505	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	138851	45.511	ug/l	94
22) Diisopropyl ether	5.90	45	501727	45.165	ug/l	99
23) Vinyl Acetate	5.84	43	1930268	211.573	ug/l	99
24) 1,1-Dichloroethane	5.80	63	281322	46.385	ug/l	98
25) 2-Butanone	6.78	43	481694	234.610	ug/l	98
26) 2,2-Dichloropropane	6.78	77	195416	36.596	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	178864	51.796	ug/l	96
28) Bromochloromethane	7.15	49	137914	49.249	ug/l	99
29) Tetrahydrofuran	7.16	42	322591	230.050	ug/l	99
30) Chloroform	7.33	83	301557	49.558	ug/l	99
31) Cyclohexane	7.61	56	226372	39.459	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	264742	48.917	ug/l	99
36) 1,1-Dichloropropene	7.76	75	209030	45.195	ug/l	99
37) Ethyl Acetate	6.88	43	188878	41.610	ug/l	99
38) Carbon Tetrachloride	7.74	117	222438	47.114	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063605.D
 Acq On : 23 Sep 2020 21:42
 Operator : JC/MD
 Sample : L4082-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:16 PM

Quant Time: Sep 24 04:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	200977	40.038	ug/l	99
40) Benzene	8.00	78	607940	46.046	ug/l	97
41) Methacrylonitrile	7.14	41	97188m	47.604	ug/l	
42) 1,2-Dichloroethane	8.09	62	253545	47.753	ug/l	100
43) Isopropyl Acetate	8.13	43	343138	42.276	ug/l #	89
44) Trichloroethene	8.80	130	815882	254.781	ug/l	100
45) 1,2-Dichloropropane	9.08	63	166097	46.191	ug/l	99
46) Dibromomethane	9.18	93	113813	48.156	ug/l	100
47) Bromodichloromethane	9.37	83	236113	48.089	ug/l	100
48) Methyl methacrylate	9.17	41	183931	46.123	ug/l	98
49) 1,4-Dioxane	9.17	88	51463	899.274	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1083032	238.342	ug/l	99
52) Toluene	10.13	92	378380	47.667	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	245483	44.785	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	254061	43.942	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	155624	49.357	ug/l	96
56) Ethyl methacrylate	10.40	69	229104	46.545	ug/l	98
57) 1,3-Dichloropropane	10.68	76	260983	45.900	ug/l	99
59) 2-Hexanone	10.72	43	793758	241.116	ug/l	100
60) Dibromochloromethane	10.87	129	171007	48.008	ug/l	99
61) 1,2-Dibromoethane	10.98	107	157513	48.085	ug/l	98
64) Tetrachloroethene	10.60	164	175478	63.953	ug/l	99
65) Chlorobenzene	11.41	112	399440	46.698	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	154077	49.140	ug/l	98
67) Ethyl Benzene	11.49	91	752008	46.685	ug/l	98
68) m/p-Xylenes	11.59	106	546975	94.179	ug/l	99
69) o-Xylene	11.92	106	265398	47.970	ug/l	98
70) Stvrene	11.94	104	456475	49.199	ug/l	99
71) Bromoform	12.10	173	113425	48.558	ug/l #	99
73) Isopropylbenzene	12.23	105	710195	45.184	ug/l	100
74) N-amyl acetate	12.04	43	298981	40.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221170	45.445	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	210454m	43.349	ug/l	
77) Bromobenzene	12.50	156	167408	47.349	ug/l	98
78) n-propylbenzene	12.57	91	828514	45.257	ug/l	99
79) 2-Chlorotoluene	12.65	91	507521	46.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	605810	46.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	70875	40.024	ug/l	97
82) 4-Chlorotoluene	12.75	91	533392	46.002	ug/l	100
83) tert-Butylbenzene	12.97	119	483669	44.712	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	609675	46.052	ug/l	100
85) sec-Butylbenzene	13.15	105	640124	44.208	ug/l	100
86) p-Isopropyltoluene	13.26	119	573758	44.925	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	306489	46.769	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	307142	46.099	ug/l	99
89) n-Butylbenzene	13.59	91	497551	42.265	ug/l	99
90) Hexachloroethane	13.85	117	103974	42.754	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	306443	47.630	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50810	43.843	ug/l	100
93) 1,2,4-Trichlorobenzene	14.88	180	162681	42.890	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063605.D
Acq On : 23 Sep 2020 21:42
Operator : JC/MD
Sample : L4082-17MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:38:16 PM

Quant Time: Sep 24 04:29:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	73653	46.906	ug/l	99
95) Naphthalene	15.11	128	536820	42.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	157078	42.861	ug/l	100

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

