

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063279.D
 Acq On : 9 Sep 2020 13:52
 Operator : JC/MD
 Sample : VN0909WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:24 PM

Quant Time: Sep 10 04:14:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	456466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	823143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	749968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	354366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	376882	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	275510	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	1052828	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.38	95	399421	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	86364	19.211	ug/l	99
3) Chloromethane	2.04	50	119388	18.238	ug/l	98
4) Vinyl Chloride	2.17	62	121686	16.829	ug/l	98
5) Bromomethane	2.54	94	82368	13.532	ug/l	93
6) Chloroethane	2.68	64	79525	13.832	ug/l	98
7) Trichlorofluoromethane	2.99	101	190133	16.471	ug/l	98
8) Diethyl Ether	3.37	74	70822	20.471	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	99217	20.187	ug/l	97
10) Methyl Iodide	3.91	142	125263	18.687	ug/l	98
11) Tert butyl alcohol	4.73	59	103833	113.362	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	98350	19.638	ug/l	98
13) Acrolein	3.58	56	17812	63.626	ug/l	96
14) Allyl chloride	4.28	41	179415	20.171	ug/l	95
15) Acrylonitrile	4.93	53	259332	102.510	ug/l	99
16) Acetone	3.78	43	239145	112.740	ug/l	99
17) Carbon Disulfide	4.02	76	265397	17.804	ug/l	97
18) Methyl Acetate	4.28	43	137438	25.270	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	372334	20.041	ug/l	98
20) Methylene Chloride	4.51	84	116944	19.305	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	105859	19.132	ug/l	97
22) Diisopropyl ether	5.90	45	410225	20.581	ug/l	96
23) Vinyl Acetate	5.84	43	1654317	104.020	ug/l	96
24) 1,1-Dichloroethane	5.80	63	217333	19.779	ug/l	98
25) 2-Butanone	6.78	43	370819	112.901	ug/l	95
26) 2,2-Dichloropropane	6.78	77	183852	18.467	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	128646	19.129	ug/l	96
28) Bromochloromethane	7.15	49	103121	17.963	ug/l	100
29) Tetrahydrofuran	7.17	42	248000	109.200	ug/l	96
30) Chloroform	7.33	83	223609	19.451	ug/l	95
31) Cyclohexane	7.62	56	191217	18.648	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	194912	19.676	ug/l	99
36) 1,1-Dichloropropene	7.75	75	161302	20.384	ug/l	99
37) Ethyl Acetate	6.88	43	166546	22.499	ug/l #	96
38) Carbon Tetrachloride	7.74	117	166300	20.722	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	173673	19.536	ug/l	95
40) Benzene	8.00	78	474877	20.421	ug/l	100
41) Methacrylonitrile	7.13	41	78997	23.697	ug/l #	92
42) 1,2-Dichloroethane	8.09	62	185576	21.364	ug/l	99
43) Isopropyl Acetate	8.13	43	282678	21.904	ug/l	98
44) Trichloroethene	8.80	130	126164	22.368	ug/l	98
45) 1,2-Dichloropropane	9.08	63	131114	21.295	ug/l	96
46) Dibromomethane	9.18	93	86302	21.152	ug/l	99
47) Bromodichloromethane	9.37	83	178667	20.429	ug/l	100
48) Methyl methacrylate	9.17	41	135988	23.375	ug/l	97
49) 1,4-Dioxane	9.17	88	40524	450.348	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	829645	118.303	ug/l	99
52) Toluene	10.13	92	291683	20.136	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	192501	20.122	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	209524	20.865	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	115316	20.786	ug/l	97
56) Ethyl methacrylate	10.40	69	178705	21.167	ug/l	98
57) 1,3-Dichloropropane	10.68	76	203422	20.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	420833	96.258	ug/l	98
59) 2-Hexanone	10.72	43	596636	121.057	ug/l	99
60) Dibromochloromethane	10.87	129	129617	21.133	ug/l	99
61) 1,2-Dibromoethane	10.98	107	121634	21.091	ug/l	98
64) Tetrachloroethene	10.60	164	121432	22.548	ug/l	98
65) Chlorobenzene	11.41	112	315387	20.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	116405	20.756	ug/l	99
67) Ethyl Benzene	11.49	91	593963	21.554	ug/l	100
68) m/p-Xylenes	11.59	106	423635	41.508	ug/l	97
69) o-Xylene	11.92	106	209195	21.218	ug/l	99
70) Styrene	11.94	104	353979	20.891	ug/l	97
71) Bromoform	12.10	173	83815	22.022	ug/l #	98
73) Isopropylbenzene	12.23	105	560184	20.611	ug/l	100
74) N-amyl acetate	12.05	43	242109	21.505	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	161463	20.605	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	149518m	21.475	ug/l	
77) Bromobenzene	12.50	156	156246	25.419	ug/l	76
78) n-propylbenzene	12.57	91	649551	20.653	ug/l	99
79) 2-Chlorotoluene	12.65	91	392445	20.833	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	474414	20.970	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	54443	18.899	ug/l	94
82) 4-Chlorotoluene	12.75	91	410505	21.012	ug/l	98
83) tert-Butylbenzene	12.97	119	388846	20.041	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	487549	21.381	ug/l	97
85) sec-Butylbenzene	13.15	105	514791	20.358	ug/l	100
86) p-Isopropyltoluene	13.26	119	465976	20.756	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	232932	20.628	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	226923	19.407	ug/l	95
89) n-Butylbenzene	13.59	91	423770	20.433	ug/l	99
90) Hexachloroethane	13.85	117	77484	18.645	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	230870	21.068	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	38904	22.583	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	135680	22.162	ug/l	99
94) Hexachlorobutadiene	14.98	225	52212	22.830	ug/l	97
95) Naphthalene	15.10	128	553075	27.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	126664	21.236	ug/l	99

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

