

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062876.D
 Acq On : 12 Aug 2020 23:53
 Operator : JC/MD
 Sample : VN0812WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:56:12 AM

Quant Time: Aug 13 07:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	162397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	265140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	249875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	114985	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	125992	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.55	113	88950	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	10.06	98	334216	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.38	95	118915	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	43298	18.619	ug/l 99
3) Chloromethane	2.03	50	49867	22.724	ug/l 94
4) Vinyl Chloride	2.16	62	47580	23.117	ug/l 98
5) Bromomethane	2.52	94	27309	20.043	ug/l 100
6) Chloroethane	2.66	64	28064	20.726	ug/l 99
7) Trichlorofluoromethane	2.98	101	68590	18.688	ug/l 99
8) Diethyl Ether	3.37	74	20068	19.100	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	27767	18.200	ug/l 98
10) Methyl Iodide	3.91	142	33377	18.763	ug/l 94
11) Tert butyl alcohol	4.74	59	39670	90.128	ug/l 99
12) 1,1-Dichloroethene	3.69	96	26585	18.486	ug/l 99
13) Acrolein	3.57	56	15631	58.653	ug/l 93
14) Allyl chloride	4.28	41	47241	16.615	ug/l 95
15) Acrylonitrile	4.93	53	98262	96.251	ug/l 99
16) Acetone	3.78	43	86798	89.447	ug/l 97
17) Carbon Disulfide	4.01	76	70162	17.261	ug/l 98
18) Methyl Acetate	4.28	43	47557	20.044	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	115162	18.303	ug/l 100
20) Methylene Chloride	4.50	84	35705	19.644	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	29446	18.119	ug/l 88
22) Diisopropyl ether	5.91	45	118429	19.567	ug/l 96
23) Vinyl Acetate	5.85	43	396434	86.111	ug/l 98
24) 1,1-Dichloroethane	5.80	63	64045	18.056	ug/l 99
25) 2-Butanone	6.79	43	123994	90.219	ug/l 99
26) 2,2-Dichloropropane	6.78	77	39115	11.963	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	36101	18.518	ug/l 90
28) Bromochloromethane	7.15	49	33360	19.488	ug/l 98
29) Tetrahydrofuran	7.17	42	83619	93.651	ug/l 98
30) Chloroform	7.33	83	69477	18.431	ug/l 98
31) Cyclohexane	7.62	56	56657	17.401	ug/l 95
32) 1,1,1-Trichloroethane	7.53	97	59479	17.648	ug/l 98
36) 1,1-Dichloropropene	7.75	75	44090	17.078	ug/l 99
37) Ethyl Acetate	6.88	43	49087	18.202	ug/l 98
38) Carbon Tetrachloride	7.73	117	52143	17.077	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51031	16.425	ug/l	98
40) Benzene	8.00	78	137135	17.801	ug/l	99
41) Methacrylonitrile	7.13	41	19425m	15.962	ug/l	
42) 1,2-Dichloroethane	8.08	62	57859	17.646	ug/l	87
43) Isopropyl Acetate	8.13	43	78010	17.342	ug/l	97
44) Trichloroethene	8.80	130	32877	17.517	ug/l	99
45) 1,2-Dichloropropane	9.09	63	40766	19.552	ug/l	100
46) Dibromomethane	9.17	93	25380	18.578	ug/l	99
47) Bromodichloromethane	9.37	83	56191	18.313	ug/l	99
48) Methyl methacrylate	9.17	41	38239	17.283	ug/l	99
49) 1,4-Dioxane	9.17	88	15512	378.371	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	268495	92.253	ug/l	100
52) Toluene	10.13	92	84403	17.745	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	55575	16.466	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	57238	16.891	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	37888	18.650	ug/l	98
56) Ethyl methacrylate	10.40	69	53798	17.594	ug/l	97
57) 1,3-Dichloropropane	10.68	76	62300	18.049	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	64271	74.360	ug/l	99
59) 2-Hexanone	10.72	43	194276	89.487	ug/l	99
60) Dibromochloromethane	10.87	129	42865	18.490	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37366	18.640	ug/l	100
64) Tetrachloroethene	10.60	164	28930	17.944	ug/l	98
65) Chlorobenzene	11.41	112	94272	18.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39004	18.595	ug/l	98
67) Ethyl Benzene	11.49	91	162192	17.352	ug/l	99
68) m/p-Xylenes	11.60	106	119455	35.206	ug/l	97
69) o-Xylene	11.92	106	56784	17.858	ug/l	100
70) Styrene	11.94	104	101239	18.114	ug/l	98
71) Bromoform	12.10	173	30307	17.659	ug/l #	100
73) Isopropylbenzene	12.23	105	156297	18.052	ug/l	98
74) N-amyl acetate	12.05	43	67088	19.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	58214	19.099	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	52497m	16.929	ug/l	
77) Bromobenzene	12.50	156	39457	18.341	ug/l	96
78) n-propylbenzene	12.57	91	179969	17.707	ug/l	99
79) 2-Chlorotoluene	12.65	91	115055	18.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	141550	18.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	16233	15.980	ug/l	99
82) 4-Chlorotoluene	12.75	91	117103	17.829	ug/l	97
83) tert-Butylbenzene	12.97	119	116702	18.361	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	134319	18.692	ug/l	97
85) sec-Butylbenzene	13.15	105	153561	18.398	ug/l	100
86) p-Isopropyltoluene	13.26	119	131805	17.790	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	68301	17.772	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	69019	17.905	ug/l	99
89) n-Butylbenzene	13.59	91	99206	15.832	ug/l	99
90) Hexachloroethane	13.85	117	28256	17.693	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67709	18.792	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11933	18.236	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	26300	16.010	ug/l	98
94) Hexachlorobutadiene	14.98	225	20799	17.329	ug/l	98
95) Naphthalene	15.11	128	70668	16.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28707	16.967	ug/l	98

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

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