

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062676.D
 Acq On : 31 Jul 2020 11:28
 Operator : JC/MD
 Sample : VN0731WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 9:31:59 AM

Quant Time: Aug 01 06:31:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	155785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	236419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124825	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.55	113	84531	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.06	98	314386	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.38	95	119415	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32676	17.585	ug/l	99
3) Chloromethane	2.03	50	38513	15.281	ug/l	94
4) Vinyl Chloride	2.16	62	34175	15.642	ug/l	100
5) Bromomethane	2.51	94	19835	20.497	ug/l	99
6) Chloroethane	2.66	64	19800	20.034	ug/l	97
7) Trichlorofluoromethane	2.98	101	55497	21.634	ug/l	96
8) Diethyl Ether	3.37	74	20087	16.745	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29459	17.911	ug/l	94
10) Methyl Iodide	3.91	142	38515	18.317	ug/l	95
11) Tert butyl alcohol	4.73	59	34758	90.285	ug/l #	91
12) 1,1-Dichloroethene	3.69	96	28422	17.039	ug/l	99
13) Acrolein	3.56	56	16340	47.761	ug/l	98
14) Allyl chloride	4.27	41	59605	16.519	ug/l	95
15) Acrylonitrile	4.93	53	95142	92.267	ug/l	100
16) Acetone	3.77	43	85448	93.829	ug/l	99
17) Carbon Disulfide	4.00	76	86267	15.740	ug/l	100
18) Methyl Acetate	4.27	43	46544	20.189	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	119685	19.494	ug/l	99
20) Methylene Chloride	4.50	84	38452	17.605	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	33575	18.135	ug/l	89
22) Diisopropyl ether	5.90	45	126910	17.695	ug/l	94
23) Vinyl Acetate	5.84	43	522798	88.961	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70248	18.189	ug/l	98
25) 2-Butanone	6.78	43	124211	89.558	ug/l	100
26) 2,2-Dichloropropane	6.77	77	61852	19.509	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	38119	18.044	ug/l	99
28) Bromochloromethane	7.15	49	35024	18.427	ug/l	98
29) Tetrahydrofuran	7.17	42	81808	87.170	ug/l	95
30) Chloroform	7.33	83	71422	19.450	ug/l	100
31) Cyclohexane	7.61	56	57973	16.258	ug/l #	89
32) 1,1,1-Trichloroethane	7.53	97	63310	20.650	ug/l	99
36) 1,1-Dichloropropene	7.75	75	51341	19.184	ug/l	98
37) Ethyl Acetate	6.88	43	54251	18.806	ug/l	99
38) Carbon Tetrachloride	7.73	117	55691	21.650	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	52293	18.152	ug/l	97
40) Benzene	8.00	78	148043	18.272	ug/l	99
41) Methacrylonitrile	7.12	41	20269	16.394	ug/l #	88
42) 1,2-Dichloroethane	8.08	62	62981	21.263	ug/l	99
43) Isopropyl Acetate	8.12	43	87839	18.888	ug/l #	91
44) Trichloroethene	8.80	130	34465	18.863	ug/l	100
45) 1,2-Dichloropropane	9.08	63	42539	18.700	ug/l	97
46) Dibromomethane	9.17	93	26617	20.245	ug/l	97
47) Bromodichloromethane	9.37	83	58697	20.607	ug/l	96
48) Methyl methacrylate	9.17	41	42028	19.011	ug/l	97
49) 1,4-Dioxane	9.17	88	12739	375.191	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	266631	95.822	ug/l	99
52) Toluene	10.12	92	90600	19.258	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	63374	19.986	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	64674	19.008	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	36168	19.820	ug/l	96
56) Ethyl methacrylate	10.40	69	55642	18.149	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66133	19.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	81117	93.347	ug/l	98
59) 2-Hexanone	10.72	43	189565	90.007	ug/l	99
60) Dibromochloromethane	10.87	129	42515	20.884	ug/l	97
61) 1,2-Dibromoethane	10.98	107	36701	19.314	ug/l	98
64) Tetrachloroethene	10.60	164	29476	19.189	ug/l	97
65) Chlorobenzene	11.40	112	95233	19.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	36855	19.766	ug/l	98
67) Ethyl Benzene	11.48	91	172684	19.002	ug/l	98
68) m/p-Xylenes	11.59	106	127897	39.156	ug/l	99
69) o-Xylene	11.92	106	60497	19.505	ug/l	99
70) Styrene	11.94	104	103838	19.818	ug/l	98
71) Bromoform	12.10	173	28427	20.305	ug/l #	97
73) Isopropylbenzene	12.22	105	165999	19.468	ug/l	99
74) N-amyl acetate	12.05	43	73761	19.371	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	54952	18.546	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	54427m	19.829	ug/l	
77) Bromobenzene	12.50	156	39632	19.341	ug/l	98
78) n-propylbenzene	12.57	91	191253	19.148	ug/l	100
79) 2-Chlorotoluene	12.65	91	119418	19.401	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	145699	20.600	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	19083	19.354	ug/l	95
82) 4-Chlorotoluene	12.75	91	124803	19.479	ug/l	98
83) tert-Butylbenzene	12.97	119	118566	20.188	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	140648	20.271	ug/l	97
85) sec-Butylbenzene	13.15	105	161252	20.508	ug/l	99
86) p-Isopropyltoluene	13.26	119	140599	20.791	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	70108	19.497	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69324	19.584	ug/l	98
89) n-Butylbenzene	13.59	91	113406	19.517	ug/l	99
90) Hexachloroethane	13.85	117	27978	19.434	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	67995	19.775	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10887	20.237	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	26774	16.994	ug/l	98
94) Hexachlorobutadiene	14.98	225	20656	21.963	ug/l	99
95) Naphthalene	15.10	128	67424	16.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	27657	17.068	ug/l	99

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

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