

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064727.D
 Acq On : 19 Nov 2020 12:49
 Operator : JC/MD
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:17 PM

Quant Time: Nov 20 04:21:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	253267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	410232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187335	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	219314	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	122550	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.06	98	547648	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.37	95	198058	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	54764	17.305	ug/l	98
3) Chloromethane	2.04	50	63310	18.092	ug/l	96
4) Vinyl Chloride	2.17	62	72658	19.899	ug/l	97
5) Bromomethane	2.54	94	55037	20.555	ug/l	98
6) Chloroethane	2.68	64	54022	21.928	ug/l	96
7) Trichlorofluoromethane	2.99	101	127142	19.442	ug/l	94
8) Diethyl Ether	3.37	74	45652	21.635	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52593	18.609	ug/l	99
10) Methyl Iodide	3.91	142	58021	17.175	ug/l	99
11) Tert butyl alcohol	4.74	59	41217	95.356	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	48028	17.639	ug/l	96
13) Acrolein	3.56	56	12913	127.601	ug/l	96
14) Allyl chloride	4.28	41	82371	17.618	ug/l	98
15) Acrylonitrile	4.93	53	120814	95.188	ug/l	99
16) Acetone	3.78	43	102061	97.825	ug/l	99
17) Carbon Disulfide	4.01	76	141648	17.972	ug/l	99
18) Methyl Acetate	4.28	43	59985	19.191	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	165790	18.197	ug/l	94
20) Methylene Chloride	4.50	84	60429	18.316	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	53616	17.647	ug/l	97
22) Diisopropyl ether	5.90	45	184462	18.682	ug/l	97
23) Vinyl Acetate	5.84	43	749088	94.008	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106899	18.479	ug/l	98
25) 2-Butanone	6.78	43	166241	97.594	ug/l	98
26) 2,2-Dichloropropane	6.78	77	100017	18.195	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	59983	17.907	ug/l	98
28) Bromochloromethane	7.14	49	51382	17.616	ug/l	99
29) Tetrahydrofuran	7.17	42	109979	95.557	ug/l	98
30) Chloroform	7.33	83	118658	18.875	ug/l	97
31) Cyclohexane	7.61	56	84459	17.534	ug/l #	85
32) 1,1,1-Trichloroethane	7.53	97	103614	18.033	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82620	18.754	ug/l	98
37) Ethyl Acetate	6.88	43	73537	19.935	ug/l #	81
38) Carbon Tetrachloride	7.73	117	89502	19.116	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69297	17.753	ug/l	97
40) Benzene	8.00	78	237690	19.364	ug/l	98
41) Methacrylonitrile	7.13	41	38026	22.490	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	104173	19.724	ug/l	99
43) Isopropyl Acetate	8.13	43	127364	17.813	ug/l	97
44) Trichloroethene	8.80	130	67163	19.065	ug/l	96
45) 1,2-Dichloropropane	9.08	63	62810	19.196	ug/l	98
46) Dibromomethane	9.17	93	46054	19.857	ug/l	99
47) Bromodichloromethane	9.37	83	93945	19.267	ug/l	98
48) Methyl methacrylate	9.16	41	64465	19.108	ug/l	94
49) 1,4-Dioxane	9.17	88	16428	390.301	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	391146	94.530	ug/l	99
52) Toluene	10.12	92	146921	19.434	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	98248	18.828	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	100030	18.616	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	72286	23.839	ug/l	99
56) Ethyl methacrylate	10.40	69	76726	17.265	ug/l	96
57) 1,3-Dichloropropane	10.68	76	110458	21.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	222493	90.682	ug/l	99
59) 2-Hexanone	10.72	43	298775	99.487	ug/l	98
60) Dibromochloromethane	10.87	129	67240	19.193	ug/l	99
61) 1,2-Dibromoethane	10.98	107	61395	18.983	ug/l	99
64) Tetrachloroethene	10.60	164	77630	21.346	ug/l	98
65) Chlorobenzene	11.40	112	159679	18.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60947	18.692	ug/l	99
67) Ethyl Benzene	11.48	91	273717	17.790	ug/l	99
68) m/p-Xylenes	11.59	106	203186	35.262	ug/l	98
69) o-Xylene	11.92	106	93758	17.467	ug/l	98
70) Styrene	11.94	104	164091	17.416	ug/l	98
71) Bromoform	12.10	173	40858	17.778	ug/l #	99
73) Isopropylbenzene	12.22	105	250392	18.825	ug/l	98
74) N-amyl acetate	12.04	43	110736	17.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	70095	18.850	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	79380m	19.666	ug/l	
77) Bromobenzene	12.50	156	62234	18.552	ug/l	99
78) n-propylbenzene	12.56	91	294333	19.002	ug/l	99
79) 2-Chlorotoluene	12.65	91	184080	18.568	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	212372	19.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25629	17.392	ug/l	98
82) 4-Chlorotoluene	12.75	91	198819	18.808	ug/l	99
83) tert-Butylbenzene	12.97	119	158839	18.583	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	216464	19.196	ug/l	98
85) sec-Butylbenzene	13.14	105	215316	18.899	ug/l	100
86) p-Isopropyltoluene	13.26	119	193861	18.502	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	110654	18.104	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	113355	18.064	ug/l	98
89) n-Butylbenzene	13.59	91	176902	18.085	ug/l	97
90) Hexachloroethane	13.85	117	33905	19.574	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	105821	17.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17979	18.424	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	56236	18.172	ug/l	99
94) Hexachlorobutadiene	14.98	225	24849	18.355	ug/l	96
95) Naphthalene	15.10	128	171829	16.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	52818	17.447	ug/l	97

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

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