

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064988.D
 Acq On : 8 Dec 2020 23:50
 Operator : JC/MD
 Sample : VN1208WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:56 AM

Quant Time: Dec 09 08:09:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	191301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130338	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	110807	49.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.64%		
35) Dibromofluoromethane	7.55	113	96183	51.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.56%		
50) Toluene-d8	10.06	98	364674	47.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.16%		
62) 4-Bromofluorobenzene	12.38	95	125698	45.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.66%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	24873	15.002	ug/l	99
3) Chloromethane	2.04	50	34976	16.234	ug/l	100
4) Vinyl Chloride	2.17	62	37264	16.589	ug/l	97
5) Bromomethane	2.53	94	25410	17.242	ug/l	100
6) Chloroethane	2.68	64	24385	17.552	ug/l	100
7) Trichlorofluoromethane	2.99	101	54793	17.647	ug/l	99
8) Diethyl Ether	3.38	74	22860	18.652	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33143	17.793	ug/l	98
10) Methyl Iodide	3.90	142	39965	16.542	ug/l	99
11) Tert butyl alcohol	4.75	59	28405	81.897	ug/l #	93
12) 1,1-Dichloroethene	3.69	96	33788	18.214	ug/l	99
13) Acrolein	3.57	56	15631	73.782	ug/l	94
14) Allyl chloride	4.28	41	52487	17.155	ug/l	99
15) Acrylonitrile	4.93	53	84972	88.683	ug/l	100
16) Acetone	3.78	43	69296	94.784	ug/l	100
17) Carbon Disulfide	4.01	76	77986	16.286	ug/l	100
18) Methyl Acetate	4.29	43	42241	19.217	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	108555	18.246	ug/l	100
20) Methylene Chloride	4.51	84	41297	18.026	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	35537	17.251	ug/l	94
22) Diisopropyl ether	5.91	45	117338	19.160	ug/l	97
23) Vinyl Acetate	5.85	43	447649	91.408	ug/l	100
24) 1,1-Dichloroethane	5.80	63	69861	19.088	ug/l	98
25) 2-Butanone	6.79	43	105343	88.887	ug/l	99
26) 2,2-Dichloropropane	6.78	77	52966	16.686	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	43211	18.641	ug/l	96
28) Bromochloromethane	7.15	49	31387	18.746	ug/l	93
29) Tetrahydrofuran	7.17	42	68905	84.227	ug/l	98
30) Chloroform	7.32	83	71845	19.035	ug/l	96
31) Cyclohexane	7.61	56	50290	16.224	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	60836	18.767	ug/l	100
36) 1,1-Dichloropropene	7.75	75	50558	17.400	ug/l	99
37) Ethyl Acetate	6.89	43	41776	14.926	ug/l	99
38) Carbon Tetrachloride	7.73	117	52448	17.348	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46067	14.728	ug/l	95
40) Benzene	8.00	78	155798	17.498	ug/l	98
41) Methacrylonitrile	7.13	41	21721	16.819	ug/l	89
42) 1,2-Dichloroethane	8.09	62	54239	18.058	ug/l	99
43) Isopropyl Acetate	8.13	43	78357	17.398	ug/l	96
44) Trichloroethene	8.80	130	43408	16.523	ug/l	96
45) 1,2-Dichloropropane	9.08	63	42623	18.485	ug/l	99
46) Dibromomethane	9.17	93	28091	18.236	ug/l	99
47) Bromodichloromethane	9.37	83	56575	18.253	ug/l	98
48) Methyl methacrylate	9.16	41	35653	16.567	ug/l	98
49) 1,4-Dioxane	9.17	88	13109	322.292	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	230965	85.422	ug/l	99
52) Toluene	10.12	92	97760	17.829	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	57483	16.651	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	65977	17.830	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	42363	18.788	ug/l	95
56) Ethyl methacrylate	10.40	69	51770	16.638	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66740	17.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	140020	81.808	ug/l	99
59) 2-Hexanone	10.72	43	162723	83.624	ug/l	99
60) Dibromochloromethane	10.87	129	45691	18.230	ug/l	97
61) 1,2-Dibromoethane	10.98	107	40932	17.868	ug/l	99
64) Tetrachloroethene	10.60	164	44829	16.634	ug/l	98
65) Chlorobenzene	11.41	112	109457	18.401	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42014	19.219	ug/l	99
67) Ethyl Benzene	11.48	91	176520	17.763	ug/l	100
68) m/p-Xylenes	11.59	106	141154	37.517	ug/l	97
69) o-Xylene	11.92	106	65619	18.379	ug/l	99
70) Styrene	11.94	104	112355	18.641	ug/l	99
71) Bromoform	12.10	173	31951	18.299	ug/l #	98
73) Isopropylbenzene	12.22	105	172926	19.074	ug/l	99
74) N-amyl acetate	12.04	43	61665	17.284	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	53367	20.084	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	54856m	19.543	ug/l	
77) Bromobenzene	12.50	156	46066	18.847	ug/l	100
78) n-propylbenzene	12.56	91	192367	18.626	ug/l	99
79) 2-Chlorotoluene	12.65	91	120444	18.866	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	146770	19.477	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16696	16.302	ug/l	97
82) 4-Chlorotoluene	12.75	91	124098	18.545	ug/l	99
83) tert-Butylbenzene	12.97	119	121707	19.269	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	145854	19.144	ug/l	99
85) sec-Butylbenzene	13.14	105	153281	18.278	ug/l	99
86) p-Isopropyltoluene	13.26	119	138525	18.143	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	80916	18.634	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80335	17.493	ug/l	97
89) n-Butylbenzene	13.59	91	106694	15.912	ug/l	99
90) Hexachloroethane	13.85	117	25392	19.144	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	80254	18.822	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9838	16.454	ug/l	96

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93) 1,2,4-Trichlorobenzene	14.88	180	38445	14.576	ug/l	99
94) Hexachlorobutadiene	14.98	225	21531	18.365	ug/l	97
95) Naphthalene	15.10	128	111594	14.122	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37755	16.035	ug/l	100

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

