

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064626.D
 Acq On : 13 Nov 2020 12:57
 Operator : JC/MD
 Sample : VN1113WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:41:29 PM

Quant Time: Nov 17 02:32:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	486127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	457123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	245492	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	7.55	113	171584	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	10.06	98	621864	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.38	95	225784	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	63341	17.767	ug/l	98
3) Chloromethane	2.04	50	74857	17.287	ug/l	100
4) Vinyl Chloride	2.17	62	79719	17.928	ug/l	97
5) Bromomethane	2.54	94	54578	19.213	ug/l	91
6) Chloroethane	2.68	64	54511	19.147	ug/l	96
7) Trichlorofluoromethane	2.99	101	132429	20.225	ug/l	98
8) Diethyl Ether	3.38	74	47561	20.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	59547	19.151	ug/l	99
10) Methyl Iodide	3.91	142	67793	18.764	ug/l	97
11) Tert butyl alcohol	4.75	59	52227	99.278	ug/l	98
12) 1,1-Dichloroethene	3.69	96	52290	17.853	ug/l	97
13) Acrolein	3.57	56	19358	59.324	ug/l	99
14) Allyl chloride	4.27	41	96880	16.909	ug/l	97
15) Acrylonitrile	4.93	53	147112	100.443	ug/l	97
16) Acetone	3.78	43	168463	92.710	ug/l	97
17) Carbon Disulfide	4.00	76	154130	17.597	ug/l	100
18) Methyl Acetate	4.28	43	76612	21.446	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	184595	17.511	ug/l	99
20) Methylene Chloride	4.51	84	68115	18.893	ug/l	91
21) trans-1,2-Dichloroethene	4.99	96	59171	17.793	ug/l	98
22) Diisopropyl ether	5.91	45	216895	17.833	ug/l	97
23) Vinyl Acetate	5.85	43	900339	90.998	ug/l	100
24) 1,1-Dichloroethane	5.80	63	124554	18.637	ug/l	99
25) 2-Butanone	6.79	43	222998	96.318	ug/l	100
26) 2,2-Dichloropropane	6.78	77	110005	18.183	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	69324	17.990	ug/l	97
28) Bromochloromethane	7.15	49	61873	18.835	ug/l	99
29) Tetrahydrofuran	7.17	42	141119	99.348	ug/l	100
30) Chloroform	7.33	83	132795	18.903	ug/l	99
31) Cyclohexane	7.61	56	91106	15.711	ug/l	# 94
32) 1,1,1-Trichloroethane	7.53	97	119069	19.109	ug/l	99
36) 1,1-Dichloropropene	7.75	75	89426	17.413	ug/l	98
37) Ethyl Acetate	6.89	43	94457	18.608	ug/l	98
38) Carbon Tetrachloride	7.73	117	99589	18.144	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	79533	17.276	ug/l	95
40) Benzene	8.00	78	267549	17.729	ug/l	99
41) Methacrylonitrile	7.14	41	45647m	20.048	ug/l	
42) 1,2-Dichloroethane	8.09	62	119396	19.605	ug/l	99
43) Isopropyl Acetate	8.13	43	156469	18.800	ug/l	98
44) Trichloroethene	8.80	130	71150	18.687	ug/l	98
45) 1,2-Dichloropropane	9.09	63	74902	18.602	ug/l	97
46) Dibromomethane	9.17	93	53263	20.094	ug/l	97
47) Bromodichloromethane	9.37	83	113591	19.930	ug/l	96
48) Methyl methacrylate	9.17	41	77062	18.350	ug/l	97
49) 1,4-Dioxane	9.17	88	22040	398.444	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	489297	100.813	ug/l	100
52) Toluene	10.12	92	171008	18.579	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110314	18.256	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	118346	18.319	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	72054	20.073	ug/l	99
56) Ethyl methacrylate	10.40	69	93556	17.099	ug/l	98
57) 1,3-Dichloropropane	10.68	76	121060	19.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	246001	102.095	ug/l	97
59) 2-Hexanone	10.72	43	346989	90.288	ug/l	99
60) Dibromochloromethane	10.87	129	79812	19.859	ug/l	99
61) 1,2-Dibromoethane	10.98	107	72027	19.782	ug/l	98
64) Tetrachloroethene	10.60	164	65108	18.490	ug/l	97
65) Chlorobenzene	11.41	112	178508	17.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	71861	19.222	ug/l	99
67) Ethyl Benzene	11.48	91	309489	17.363	ug/l	100
68) m/p-Xylenes	11.60	106	228880	35.406	ug/l	99
69) o-Xylene	11.92	106	108003	17.290	ug/l	100
70) Styrene	11.94	104	183884	17.494	ug/l	98
71) Bromoform	12.10	173	51506	19.156	ug/l #	99
73) Isopropylbenzene	12.22	105	282985	17.043	ug/l	99
74) N-amyl acetate	12.05	43	125920	16.471	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	99624	19.534	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	95123m	18.793	ug/l	
77) Bromobenzene	12.50	156	72208	17.812	ug/l	98
78) n-propylbenzene	12.57	91	341687	18.050	ug/l	98
79) 2-Chlorotoluene	12.65	91	216983	18.072	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	242390	17.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	31086	17.148	ug/l	90
82) 4-Chlorotoluene	12.75	91	223781	17.797	ug/l	100
83) tert-Butylbenzene	12.97	119	188955	17.662	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	241693	17.552	ug/l	100
85) sec-Butylbenzene	13.15	105	252636	18.646	ug/l	99
86) p-Isopropyltoluene	13.26	119	222204	18.232	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	124674	17.791	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	128332	17.721	ug/l	98
89) n-Butylbenzene	13.59	91	192259	18.348	ug/l	98
90) Hexachloroethane	13.85	117	46062	19.593	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	127330	18.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22069	21.734	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	52186	17.402	ug/l	99
94) Hexachlorobutadiene	14.98	225	31052	22.626	ug/l	97
95) Naphthalene	15.10	128	156885	16.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53665	18.404	ug/l	99

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

