

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063702.D
 Acq On : 28 Sep 2020 13:57
 Operator : JC/MD
 Sample : VN0928WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 4:37:59 PM

Quant Time: Sep 29 03:55:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	234056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	360939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201651	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.55	113	139981	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.06	98	509641	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.38	95	188328	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43118	16.261	ug/l	99
3) Chloromethane	2.04	50	52930	15.089	ug/l	97
4) Vinyl Chloride	2.16	62	51191	16.471	ug/l	94
5) Bromomethane	2.53	94	35412	19.191	ug/l	94
6) Chloroethane	2.68	64	32957	17.275	ug/l	100
7) Trichlorofluoromethane	2.99	101	85669	18.475	ug/l	97
8) Diethyl Ether	3.37	74	32851	18.174	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48300	18.522	ug/l	98
10) Methyl Iodide	3.91	142	57069	16.809	ug/l #	94
11) Tert butyl alcohol	4.73	59	46764	84.724	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	43349	16.412	ug/l	95
13) Acrolein	3.57	56	14504	70.907	ug/l	92
14) Allyl chloride	4.28	41	85399	16.346	ug/l	98
15) Acrylonitrile	4.93	53	128043	91.199	ug/l	99
16) Acetone	3.78	43	120731	94.286	ug/l	100
17) Carbon Disulfide	4.01	76	110359	14.364	ug/l	97
18) Methyl Acetate	4.28	43	65988	20.300	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	171818	17.454	ug/l	97
20) Methylene Chloride	4.51	84	58932	18.165	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	47549	16.249	ug/l	97
22) Diisopropyl ether	5.90	45	187474	17.594	ug/l	94
23) Vinyl Acetate	5.85	43	756661	86.467	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104617	17.984	ug/l	98
25) 2-Butanone	6.78	43	174075	88.393	ug/l	99
26) 2,2-Dichloropropane	6.78	77	86011	16.793	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58553	17.678	ug/l	97
28) Bromochloromethane	7.15	49	55814	20.779	ug/l	96
29) Tetrahydrofuran	7.16	42	112955	83.981	ug/l	98
30) Chloroform	7.33	83	110480	18.929	ug/l	99
31) Cyclohexane	7.61	56	82361	14.967	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	92727	17.863	ug/l	99
36) 1,1-Dichloropropene	7.75	75	74430	18.145	ug/l	98
37) Ethyl Acetate	6.88	43	77265	19.192	ug/l	99
38) Carbon Tetrachloride	7.73	117	80555	19.238	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69298	15.566	ug/l	91
40) Benzene	8.00	78	219805	18.771	ug/l	98
41) Methacrylonitrile	7.14	41	37916m	20.940	ug/l	
42) 1,2-Dichloroethane	8.09	62	97194	20.640	ug/l	99
43) Isopropyl Acetate	8.13	43	133395	18.530	ug/l #	89
44) Trichloroethene	8.80	130	55427	19.515	ug/l	99
45) 1,2-Dichloropropane	9.08	63	62698	19.659	ug/l	95
46) Dibromomethane	9.18	93	42394	20.225	ug/l	99
47) Bromodichloromethane	9.37	83	87396	20.069	ug/l	99
48) Methyl methacrylate	9.17	41	63874	18.060	ug/l	98
49) 1,4-Dioxane	9.17	88	19576	385.691	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	399543	99.138	ug/l	98
52) Toluene	10.13	92	136333	19.365	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	90795	18.676	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	97270	18.969	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57887	20.700	ug/l	98
56) Ethyl methacrylate	10.40	69	78778	18.045	ug/l	97
57) 1,3-Dichloropropane	10.68	76	98657	19.563	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	200024	87.343	ug/l	98
59) 2-Hexanone	10.72	43	286370	98.081	ug/l	98
60) Dibromochloromethane	10.87	129	62057	19.643	ug/l	94
61) 1,2-Dibromoethane	10.98	107	58469	20.125	ug/l	100
64) Tetrachloroethene	10.60	164	52044	21.176	ug/l	98
65) Chlorobenzene	11.41	112	145509	18.992	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	57567	20.497	ug/l	99
67) Ethyl Benzene	11.49	91	259470	17.983	ug/l	100
68) m/p-Xylenes	11.59	106	194156	37.322	ug/l	97
69) o-Xylene	11.92	106	91342	18.432	ug/l	100
70) Styrene	11.94	104	158131	19.028	ug/l	98
71) Bromoform	12.10	173	40893	19.545	ug/l #	99
73) Isopropylbenzene	12.23	105	249164	17.820	ug/l	100
74) N-amyl acetate	12.05	43	110032	16.624	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	82665	19.094	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	77436m	17.930	ug/l	
77) Bromobenzene	12.50	156	61324	19.498	ug/l	94
78) n-propylbenzene	12.57	91	282893	17.371	ug/l	99
79) 2-Chlorotoluene	12.65	91	176281	18.057	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	212580	18.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	26144	16.597	ug/l	95
82) 4-Chlorotoluene	12.75	91	187594	18.187	ug/l	100
83) tert-Butylbenzene	12.97	119	166192	17.270	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	209773	17.812	ug/l	100
85) sec-Butylbenzene	13.15	105	221017	17.158	ug/l	99
86) p-Isopropyltoluene	13.26	119	198618	17.482	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108956	18.690	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	111014	18.731	ug/l	97
89) n-Butylbenzene	13.59	91	175250	16.735	ug/l	98
90) Hexachloroethane	13.85	117	37087	17.143	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	107541	18.790	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18124	17.580	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	57006	16.895	ug/l	99
94) Hexachlorobutadiene	14.98	225	28368	20.309	ug/l	97
95) Naphthalene	15.10	128	175405	15.735	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	55773	17.108	ug/l	99

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

