

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063814.D
 Acq On : 2 Oct 2020 12:16
 Operator : JC/MD
 Sample : VN1002WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:19 PM

Quant Time: Oct 05 04:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	251954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215517	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.55	113	142366	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.06	98	536031	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.38	95	194546	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47086	17.711	ug/l	97
3) Chloromethane	2.04	50	56094	17.982	ug/l	100
4) Vinyl Chloride	2.16	62	55561	17.744	ug/l	98
5) Bromomethane	2.53	94	36494	18.529	ug/l	99
6) Chloroethane	2.68	64	35782	19.124	ug/l	96
7) Trichlorofluoromethane	2.98	101	93582	18.844	ug/l	99
8) Diethyl Ether	3.37	74	31904	18.996	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48104	18.123	ug/l	98
10) Methyl Iodide	3.91	142	55193	17.908	ug/l	97
11) Tert butyl alcohol	4.72	59	48395	105.310	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	45160	17.800	ug/l	97
13) Acrolein	3.57	56	25720	91.191	ug/l	95
14) Allyl chloride	4.28	41	91602	19.434	ug/l	94
15) Acrylonitrile	4.93	53	128253	97.499	ug/l	99
16) Acetone	3.78	43	131293	102.466	ug/l	96
17) Carbon Disulfide	4.01	76	122113	18.259	ug/l	100
18) Methyl Acetate	4.28	43	68535	20.601	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	175266	19.014	ug/l	99
20) Methylene Chloride	4.50	84	58209	19.893	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	49280	17.341	ug/l	98
22) Diisopropyl ether	5.90	45	188910	19.480	ug/l	99
23) Vinyl Acetate	5.84	43	778291	96.884	ug/l	99
24) 1,1-Dichloroethane	5.80	63	105890	19.097	ug/l	98
25) 2-Butanone	6.78	43	185735	102.242	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93737	18.460	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	59024	18.059	ug/l	96
28) Bromochloromethane	7.15	49	52340	19.098	ug/l	99
29) Tetrahydrofuran	7.17	42	121845	100.004	ug/l	97
30) Chloroform	7.33	83	111631	19.308	ug/l	96
31) Cyclohexane	7.62	56	86514	17.903	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	98922	18.969	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78012	18.262	ug/l	99
37) Ethyl Acetate	6.88	43	80215	18.900	ug/l	98
38) Carbon Tetrachloride	7.74	117	87195	18.203	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69593	16.337	ug/l	95
40) Benzene	8.00	78	222987	18.276	ug/l	97
41) Methacrylonitrile	7.13	41	40273	21.351	ug/l #	92
42) 1,2-Dichloroethane	8.09	62	100916	19.376	ug/l	99
43) Isopropyl Acetate	8.13	43	134864	19.265	ug/l	99
44) Trichloroethene	8.80	130	56312	17.615	ug/l	99
45) 1,2-Dichloropropane	9.09	63	62700	19.028	ug/l	95
46) Dibromomethane	9.17	93	41788	18.383	ug/l	100
47) Bromodichloromethane	9.37	83	88815	18.958	ug/l	98
48) Methyl methacrylate	9.17	41	67225	19.437	ug/l	96
49) 1,4-Dioxane	9.16	88	19128	389.137	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	415815	101.217	ug/l	99
52) Toluene	10.13	92	139925	18.541	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	91720	18.264	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	95002	18.089	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	58318	19.269	ug/l	98
56) Ethyl methacrylate	10.40	69	81253	18.940	ug/l	100
57) 1,3-Dichloropropane	10.68	76	100076	19.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	222506	96.961	ug/l	99
59) 2-Hexanone	10.72	43	299818	98.243	ug/l	98
60) Dibromochloromethane	10.87	129	63737	18.083	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59058	19.076	ug/l	99
64) Tetrachloroethene	10.60	164	54735	18.067	ug/l	98
65) Chlorobenzene	11.41	112	147231	18.329	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58532	19.007	ug/l	99
67) Ethyl Benzene	11.48	91	269338	18.427	ug/l	98
68) m/p-Xylenes	11.59	106	198387	36.418	ug/l	100
69) o-Xylene	11.92	106	95194	18.696	ug/l	99
70) Styrene	11.94	104	155630	18.007	ug/l	98
71) Bromoform	12.10	173	42087	17.870	ug/l #	96
73) Isopropylbenzene	12.23	105	250605	19.041	ug/l	100
74) N-amyl acetate	12.05	43	112601	19.808	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81207	20.178	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	78632m	19.769	ug/l	
77) Bromobenzene	12.50	156	63704	19.726	ug/l	98
78) n-propylbenzene	12.57	91	282602	18.450	ug/l	100
79) 2-Chlorotoluene	12.65	91	180678	19.180	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	209553	18.979	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26801	19.406	ug/l	98
82) 4-Chlorotoluene	12.75	91	188427	19.268	ug/l	99
83) tert-Butylbenzene	12.97	119	165769	18.354	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	210421	19.088	ug/l	100
85) sec-Butylbenzene	13.15	105	212577	17.920	ug/l	100
86) p-Isopropyltoluene	13.26	119	191697	18.267	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106509	18.230	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	108811	17.887	ug/l	98
89) n-Butylbenzene	13.59	91	163051	16.834	ug/l	98
90) Hexachloroethane	13.85	117	37900	18.637	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	108948	18.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18185	19.267	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47358	16.264	ug/l	100
94) Hexachlorobutadiene	14.98	225	28004	17.891	ug/l	98
95) Naphthalene	15.10	128	154483	17.181	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	47300	16.581	ug/l	99

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

