

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063983.D
 Acq On : 8 Oct 2020 12:02
 Operator : JC/MD
 Sample : VN1008WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:32:04 PM

Quant Time: Oct 09 04:34:50 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	274173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	446693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	221897	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	7.55	113	156868	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.06	98	568444	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.38	95	208521	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49099	16.972	ug/l	100
3) Chloromethane	2.04	50	61125	18.007	ug/l	99
4) Vinyl Chloride	2.16	62	59332	17.413	ug/l	97
5) Bromomethane	2.54	94	33907	15.820	ug/l	92
6) Chloroethane	2.68	64	40362	19.823	ug/l	99
7) Trichlorofluoromethane	2.99	101	99863	18.479	ug/l	97
8) Diethyl Ether	3.38	74	35150	19.232	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53950	18.678	ug/l	96
10) Methyl Iodide	3.91	142	52870	15.764	ug/l	98
11) Tert butyl alcohol	4.73	59	52364	104.712	ug/l	99
12) 1,1-Dichloroethene	3.70	96	49852	18.057	ug/l	98
13) Acrolein	3.57	56	33416	108.876	ug/l	98
14) Allyl chloride	4.28	41	103453	20.170	ug/l	93
15) Acrylonitrile	4.93	53	151063	105.533	ug/l	99
16) Acetone	3.78	43	147898	106.071	ug/l	100
17) Carbon Disulfide	4.01	76	132773	18.244	ug/l	96
18) Methyl Acetate	4.28	43	82422	22.767	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	191002	19.042	ug/l	99
20) Methylene Chloride	4.51	84	63077	19.810	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	55216	17.855	ug/l	96
22) Diisopropyl ether	5.90	45	220783	20.922	ug/l	94
23) Vinyl Acetate	5.85	43	884076	101.134	ug/l	100
24) 1,1-Dichloroethane	5.80	63	119533	19.810	ug/l	98
25) 2-Butanone	6.79	43	219197	110.883	ug/l	98
26) 2,2-Dichloropropane	6.78	77	103524	18.735	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	67429	18.959	ug/l	99
28) Bromochloromethane	7.15	49	53510	17.943	ug/l	98
29) Tetrahydrofuran	7.17	42	142425	107.422	ug/l	95
30) Chloroform	7.33	83	120792	19.200	ug/l	97
31) Cyclohexane	7.62	56	94578	17.986	ug/l	# 93
32) 1,1,1-Trichloroethane	7.53	97	108841	19.180	ug/l	99
36) 1,1-Dichloropropene	7.75	75	85145	18.815	ug/l	99
37) Ethyl Acetate	6.88	43	90967	20.232	ug/l	99
38) Carbon Tetrachloride	7.73	117	95689	18.857	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74624	16.536	ug/l	96
40) Benzene	8.00	78	251987	19.495	ug/l	99
41) Methacrylonitrile	7.13	41	43046	21.542	ug/l #	73
42) 1,2-Dichloroethane	8.09	62	106677	19.334	ug/l	99
43) Isopropyl Acetate	8.13	43	151587	20.440	ug/l	100
44) Trichloroethene	8.80	130	62931	18.582	ug/l	93
45) 1,2-Dichloropropane	9.08	63	68635	19.661	ug/l	100
46) Dibromomethane	9.18	93	46344	19.245	ug/l	99
47) Bromodichloromethane	9.37	83	96941	19.532	ug/l	99
48) Methyl methacrylate	9.17	41	72019	19.656	ug/l	95
49) 1,4-Dioxane	9.16	88	19932	382.765	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	473034	108.691	ug/l	99
52) Toluene	10.13	92	154711	19.351	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	103298	19.416	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	108909	19.574	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	65036	20.284	ug/l	99
56) Ethyl methacrylate	10.40	69	91482	20.129	ug/l	94
57) 1,3-Dichloropropane	10.68	76	107185	19.759	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	226855	93.315	ug/l	99
59) 2-Hexanone	10.72	43	337776	104.477	ug/l	99
60) Dibromochloromethane	10.87	129	70762	18.951	ug/l	100
61) 1,2-Dibromoethane	10.98	107	64999	19.818	ug/l	100
64) Tetrachloroethene	10.60	164	58646	18.277	ug/l	98
65) Chlorobenzene	11.41	112	164493	19.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	66362	20.346	ug/l	99
67) Ethyl Benzene	11.49	91	292566	18.898	ug/l	99
68) m/p-Xylenes	11.59	106	215289	37.313	ug/l	99
69) o-Xylene	11.92	106	104277	19.336	ug/l	97
70) Styrene	11.94	104	175068	19.124	ug/l	98
71) Bromoform	12.10	173	49277	19.754	ug/l #	99
73) Isopropylbenzene	12.23	105	276986	19.880	ug/l	99
74) N-amyl acetate	12.05	43	122540	20.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	91186	21.403	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	88815m	21.092	ug/l	
77) Bromobenzene	12.50	156	70953	20.754	ug/l	99
78) n-propylbenzene	12.57	91	310866	19.172	ug/l	100
79) 2-Chlorotoluene	12.65	91	195653	19.620	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	231005	19.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	29847	20.415	ug/l	95
82) 4-Chlorotoluene	12.75	91	202017	19.514	ug/l	98
83) tert-Butylbenzene	12.97	119	185800	19.433	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	226667	19.423	ug/l	97
85) sec-Butylbenzene	13.15	105	236778	18.855	ug/l	99
86) p-Isopropyltoluene	13.26	119	211096	19.001	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	119766	19.364	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	121487	18.865	ug/l	98
89) n-Butylbenzene	13.59	91	176076	17.172	ug/l	98
90) Hexachloroethane	13.85	117	41452	19.255	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	120902	19.736	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19718	19.735	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52467	16.940	ug/l	97
94) Hexachlorobutadiene	14.98	225	33308	20.093	ug/l	98
95) Naphthalene	15.10	128	154084	16.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53723	17.675	ug/l	97

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

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