

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076769.D
 Acq On : 22 Feb 2023 14:19
 Operator : JC\MD
 Sample : VN0222WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Quant Time: Feb 22 23:57:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	262673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	464726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	435023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	214126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193244	53.277	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%			
35) Dibromofluoromethane	8.172	113	151776	49.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	10.571	98	598163	52.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.260%			
62) 4-Bromofluorobenzene	12.848	95	200014	53.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	52876	18.958	ug/l	98
3) Chloromethane	2.378	50	68627	18.859	ug/l	97
4) Vinyl Chloride	2.531	62	70420	19.663	ug/l	95
5) Bromomethane	2.954	94	48779	22.478	ug/l	86
6) Chloroethane	3.125	64	50593	22.353	ug/l	93
7) Trichlorofluoromethane	3.513	101	90502	18.573	ug/l	99
8) Diethyl Ether	3.978	74	36591	19.487	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.390	101	55892	19.521	ug/l	97
10) Methyl Iodide	4.601	142	68165	19.278	ug/l	91
11) Tert butyl alcohol	5.537	59	47730	99.693	ug/l	98
12) 1,1-Dichloroethene	4.360	96	48809	18.002	ug/l	85
13) Acrolein	4.195	56	63878	88.870	ug/l	99
14) Allyl chloride	5.031	41	87618	18.651	ug/l	98
15) Acrylonitrile	5.731	53	171944	101.196	ug/l	99
16) Acetone	4.442	43	151248	93.352	ug/l	94
17) Carbon Disulfide	4.725	76	124156	17.344	ug/l	97
18) Methyl Acetate	5.037	43	111594	21.101	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	185766	20.323	ug/l	99
20) Methylene Chloride	5.295	84	67333	19.829	ug/l	88
21) trans-1,2-Dichloroethene	5.801	96	55344	18.134	ug/l	94
22) Diisopropyl ether	6.683	45	232753	21.124	ug/l	95
23) Vinyl Acetate	6.613	43	708936	108.744	ug/l	98
24) 1,1-Dichloroethane	6.578	63	117429	19.446	ug/l	94
25) 2-Butanone	7.489	43	242769	101.581	ug/l	97
26) 2,2-Dichloropropane	7.501	77	88759	20.377	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	69245	19.129	ug/l	95
28) Bromochloromethane	7.825	49	63194	21.987	ug/l	90
29) Tetrahydrofuran	7.848	42	158318	101.392	ug/l	99
30) Chloroform	7.972	83	121053	20.063	ug/l	96
31) Cyclohexane	8.260	56	112968	19.855	ug/l	91
32) 1,1,1-Trichloroethane	8.172	97	98084	19.335	ug/l	94
36) 1,1-Dichloropropene	8.377	75	85564	19.459	ug/l	98
37) Ethyl Acetate	7.566	43	96659	20.893	ug/l	98
38) Carbon Tetrachloride	8.366	117	84376	19.021	ug/l	91
39) Methylcyclohexane	9.607	83	103030	20.613	ug/l	97
40) Benzene	8.613	78	274722	20.344	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	57307	21.382	ug/l	98
42) 1,2-Dichloroethane	8.677	62	93084	19.765	ug/l	98
43) Isopropyl Acetate	8.689	43	155828	20.699	ug/l	98
44) Trichloroethene	9.360	130	61812	19.371	ug/l	97
45) 1,2-Dichloropropane	9.624	63	71891	20.111	ug/l	95
46) Dibromomethane	9.713	93	48082	21.040	ug/l	92
47) Bromodichloromethane	9.889	83	93052	20.309	ug/l	92
48) Methyl methacrylate	9.683	41	76387	21.383	ug/l	98
49) 1,4-Dioxane	9.695	88	25583	413.995	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	530972	110.853	ug/l	98
52) Toluene	10.630	92	173362	21.264	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	91127	20.606	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	108453	21.261	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	68500	20.663	ug/l	93
56) Ethyl methacrylate	10.877	69	100710	21.582	ug/l	97
57) 1,3-Dichloropropane	11.166	76	118113	20.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	206803	96.770	ug/l	95
59) 2-Hexanone	11.201	43	383421	111.019	ug/l	100
60) Dibromochloromethane	11.360	129	65981	18.885	ug/l	99
61) 1,2-Dibromoethane	11.471	107	64599	19.468	ug/l	97
64) Tetrachloroethene	11.107	164	48796	17.799	ug/l	91
65) Chlorobenzene	11.895	112	181549	19.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	63891	19.079	ug/l	97
67) Ethyl Benzene	11.965	91	318536	20.280	ug/l	100
68) m/p-Xylenes	12.071	106	252633	41.728	ug/l	97
69) o-Xylene	12.401	106	123509	20.918	ug/l	99
70) Styrene	12.413	104	199663	20.911	ug/l	99
71) Bromoform	12.577	173	46918	19.101	ug/l #	97
73) Isopropylbenzene	12.701	105	315281	20.088	ug/l	99
74) N-amyl acetate	12.495	43	136994	19.365	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	106036	18.665	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	93893m	21.689	ug/l	
77) Bromobenzene	12.983	156	69817	17.830	ug/l	88
78) n-propylbenzene	13.036	91	383320	20.799	ug/l	98
79) 2-Chlorotoluene	13.130	91	226754	20.095	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	269592	20.785	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	28187m	18.964	ug/l	
82) 4-Chlorotoluene	13.130	91	226754	20.095	ug/l	96
83) tert-Butylbenzene	13.442	119	237112	20.208	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	266019	20.579	ug/l	100
85) sec-Butylbenzene	13.618	105	340745	20.800	ug/l	99
86) p-Isopropyltoluene	13.730	119	278104	21.259	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	140425	18.971	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	141032	19.133	ug/l	97
89) n-Butylbenzene	14.059	91	227798	20.021	ug/l	98
90) Hexachloroethane	14.336	117	53148	19.404	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	145559	19.182	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	18212	16.547	ug/l	94
93) 1,2,4-Trichlorobenzene	15.395	180	66324	17.522	ug/l	96
94) Hexachlorobutadiene	15.501	225	32883	17.725	ug/l	99
95) Naphthalene	15.642	128	204838	17.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	67629	18.441	ug/l	97

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

