

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077914.D
 Acq On : 25 May 2023 20:02
 Operator : JC\MD
 Sample : 02944-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340MS

Quant Time: May 26 04:38:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	392676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	696858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	611997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279020	47.489	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.980%		
35) Dibromofluoromethane	8.171	113	246447	54.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.460%		
50) Toluene-d8	10.577	98	898868	51.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.780%		
62) 4-Bromofluorobenzene	12.853	95	308337	49.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	187238	41.898	ug/l	97
3) Chloromethane	2.371	50	214099	45.007	ug/l	99
4) Vinyl Chloride	2.518	62	274619	48.740	ug/l	99
5) Bromomethane	2.959	94	200894	48.210	ug/l	99
6) Chloroethane	3.124	64	195496	48.145	ug/l	97
7) Trichlorofluoromethane	3.506	101	393477	50.111	ug/l	97
8) Diethyl Ether	3.971	74	139754	48.753	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	212351	48.867	ug/l	99
10) Methyl Iodide	4.600	142	298235	57.548	ug/l	99
11) Tert butyl alcohol	5.524	59	167286	206.305	ug/l #	88
12) 1,1-Dichloroethene	4.348	96	207427	50.223	ug/l	87
13) Acrolein	4.195	56	109115	211.928	ug/l	97
14) Allyl chloride	5.036	41	276254	45.532	ug/l	94
15) Acrylonitrile	5.730	53	500052	230.829	ug/l	99
16) Acetone	4.436	43	378696	204.868	ug/l	96
17) Carbon Disulfide	4.724	76	515153	46.292	ug/l	98
18) Methyl Acetate	5.036	43	337400	43.509	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	730827	48.887	ug/l	96
20) Methylene Chloride	5.289	84	247351	51.469	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	229592	49.488	ug/l #	83
22) Diisopropyl ether	6.683	45	695649	48.916	ug/l	94
23) Vinyl Acetate	6.618	43	1946042	220.860	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	437655	50.232	ug/l	97
25) 2-Butanone	7.489	43	624332	215.912	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	325719	44.004	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	278284	50.027	ug/l	90
28) Bromochloromethane	7.818	49	177505	47.108	ug/l	93
29) Tetrahydrofuran	7.847	42	412352	217.784	ug/l	86
30) Chloroform	7.977	83	481992	50.290	ug/l	94
31) Cyclohexane	8.265	56	365862	45.816	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	424808	52.134	ug/l	97
36) 1,1-Dichloropropene	8.383	75	354864	53.391	ug/l	97
37) Ethyl Acetate	7.565	43	254126	42.897	ug/l	94
38) Carbon Tetrachloride	8.371	117	367764	54.796	ug/l	99
39) Methylcyclohexane	9.606	83	389842	47.910	ug/l	95
40) Benzene	8.612	78	1045985	53.330	ug/l	98

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41) Methacrylonitrile	7.789	41	141400	44.819	ug/l	95
42) 1,2-Dichloroethane	8.677	62	359278	50.427	ug/l	99
43) Isopropyl Acetate	8.694	43	452902	46.805	ug/l	96
44) Trichloroethene	9.359	130	280625	56.505	ug/l	94
45) 1,2-Dichloropropane	9.630	63	266968	53.363	ug/l	95
46) Dibromomethane	9.712	93	185266	51.752	ug/l	94
47) Bromodichloromethane	9.894	83	377375	55.061	ug/l	95
48) Methyl methacrylate	9.688	41	223835	48.790	ug/l	90
49) 1,4-Dioxane	9.700	88	82326	950.094	ug/l #	95
51) 4-Methyl-2-Pentanone	10.453	43	1399493	243.316	ug/l	93
52) Toluene	10.635	92	676926	55.438	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	385127	53.063	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	415860	51.994	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	262391	54.120	ug/l	99
56) Ethyl methacrylate	10.882	69	378284	51.604	ug/l	91
57) 1,3-Dichloropropane	11.171	76	436335	52.498	ug/l	100
59) 2-Hexanone	11.200	43	980733	230.525	ug/l	93
60) Dibromochloromethane	11.371	129	280308	56.004	ug/l	98
61) 1,2-Dibromoethane	11.476	107	265022	54.794	ug/l	100
64) Tetrachloroethene	11.112	164	259118	60.544	ug/l	99
65) Chlorobenzene	11.900	112	717051	54.046	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.971	131	266562	58.066	ug/l	98
67) Ethyl Benzene	11.971	91	1293176	54.391	ug/l	99
68) m/p-Xylenes	12.076	106	1000019	111.004	ug/l	99
69) o-Xylene	12.406	106	495841	55.966	ug/l	99
70) Styrene	12.418	104	753034	53.504	ug/l	98
71) Bromoform	12.582	173	174669	57.196	ug/l #	100
73) Isopropylbenzene	12.700	105	1265552	56.004	ug/l	99
74) N-amyl acetate	12.500	43	368102	44.070	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	345238	49.661	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	340428m	51.853	ug/l	
77) Bromobenzene	12.988	156	280976	54.485	ug/l	95
78) n-propylbenzene	13.041	91	1428217	53.610	ug/l	100
79) 2-Chlorotoluene	13.129	91	857709	53.954	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1032313	54.354	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	96666	47.066	ug/l	92
82) 4-Chlorotoluene	13.229	91	812924	51.395	ug/l	99
83) tert-Butylbenzene	13.447	119	876944	52.891	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1044050	55.895	ug/l	99
85) sec-Butylbenzene	13.623	105	1198523	50.864	ug/l	100
86) p-Isopropyltoluene	13.735	119	997831	53.117	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	495978	52.006	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	474703	50.160	ug/l	100
89) n-Butylbenzene	14.065	91	783834	45.365	ug/l	98
90) Hexachloroethane	14.341	117	161763	52.418	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	485405	54.482	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58936	43.789	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	199291	38.278	ug/l	97
94) Hexachlorobutadiene	15.506	225	88164	40.785	ug/l	99
95) Naphthalene	15.647	128	640426	35.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	198571	38.954	ug/l	97

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

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