

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077263.D
 Acq On : 05 Apr 2023 14:29
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 05 14:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 13:56:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	484226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	939158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	833033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	315407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	35460	5.521	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.040%#		
35) Dibromofluoromethane	8.166	113	32570	5.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.740%#		
50) Toluene-d8	10.572	98	128179	5.471	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.940%#		
62) 4-Bromofluorobenzene	12.848	95	42598	5.464	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	26597	4.345	ug/l	97
3) Chloromethane	2.372	50	37459	5.099	ug/l	91
4) Vinyl Chloride	2.525	62	53384	5.318	ug/l	97
5) Bromomethane	2.943	94	43568	6.107	ug/l	90
6) Chloroethane	3.119	64	35237	4.978	ug/l	91
7) Trichlorofluoromethane	3.496	101	44008	4.881	ug/l	85
8) Diethyl Ether	3.972	74	18251	4.745	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.378	101	26776	4.975	ug/l #	83
10) Methyl Iodide	4.596	142	27784	4.174	ug/l #	89
11) Tert butyl alcohol	5.537	59	34723	26.348	ug/l	99
12) 1,1-Dichloroethene	4.343	96	28408	4.971	ug/l	86
13) Acrolein	4.184	56	35918	28.804	ug/l	88
14) Allyl chloride	5.031	41	41566	5.035	ug/l	97
15) Acrylonitrile	5.731	53	70442	23.777	ug/l	97
16) Acetone	4.443	43	55195	22.365	ug/l	100
17) Carbon Disulfide	4.725	76	78914	5.193	ug/l	98
18) Methyl Acetate	5.037	43	47725	5.098	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	96375	4.823	ug/l	93
20) Methylene Chloride	5.290	84	35524	5.209	ug/l #	89
21) trans-1,2-Dichloroethene	5.795	96	30446	4.883	ug/l	88
22) Diisopropyl ether	6.684	45	80300	4.718	ug/l #	94
23) Vinyl Acetate	6.613	43	279076	23.419	ug/l	99
24) 1,1-Dichloroethane	6.572	63	54891	5.045	ug/l	97
25) 2-Butanone	7.495	43	95779	24.928	ug/l	99
26) 2,2-Dichloropropane	7.501	77	49093	4.710	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	35436	4.739	ug/l	96
28) Bromochloromethane	7.819	49	23548	5.512	ug/l	98
29) Tetrahydrofuran	7.848	42	64406	25.821	ug/l	94
30) Chloroform	7.972	83	58004	4.878	ug/l	88
31) Cyclohexane	8.266	56	56410	5.600	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	51766	4.888	ug/l	91
36) 1,1-Dichloropropene	8.378	75	42745	4.850	ug/l	100
37) Ethyl Acetate	7.566	43	37253	4.750	ug/l #	90
38) Carbon Tetrachloride	8.366	117	42855	4.726	ug/l	89
39) Methylcyclohexane	9.601	83	56285	4.696	ug/l	93
40) Benzene	8.613	78	131280	4.803	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	19921	4.619	ug/l	93
42) 1,2-Dichloroethane	8.678	62	40089	4.697	ug/l	90
43) Isopropyl Acetate	8.695	43	69439	4.816	ug/l	97
44) Trichloroethene	9.360	130	32275	4.900	ug/l	89
45) 1,2-Dichloropropane	9.625	63	32955	4.866	ug/l	94
46) Dibromomethane	9.713	93	24803	5.082	ug/l	98
47) Bromodichloromethane	9.895	83	48255	4.953	ug/l	99
48) Methyl methacrylate	9.683	41	29945	4.774	ug/l	98
49) 1,4-Dioxane	9.701	88	14681	97.861	ug/l #	92
51) 4-Methyl-2-Pentanone	10.448	43	202888	24.024	ug/l	100
52) Toluene	10.636	92	88341	4.954	ug/l	94
53) t-1,3-Dichloropropene	10.836	75	51633	4.875	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	54824	4.788	ug/l	97
55) 1,1,2-Trichloroethane	11.025	97	32586	4.468	ug/l	92
56) Ethyl methacrylate	10.877	69	51794	4.595	ug/l	96
57) 1,3-Dichloropropane	11.166	76	56164	4.914	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.166	63	78745	23.426	ug/l	97
59) 2-Hexanone	11.201	43	150759	24.572	ug/l	98
60) Dibromochloromethane	11.360	129	33850	4.544	ug/l	98
61) 1,2-Dibromoethane	11.472	107	33493	4.705	ug/l	97
64) Tetrachloroethene	11.101	164	24426	4.665	ug/l	90
65) Chlorobenzene	11.895	112	91035	4.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	31878	4.659	ug/l	95
67) Ethyl Benzene	11.966	91	157761	4.687	ug/l	97
68) m/p-Xylenes	12.072	106	126703	9.732	ug/l	95
69) o-Xylene	12.401	106	60700	4.575	ug/l	95
70) Styrene	12.413	104	96777	4.652	ug/l	96
71) Bromoform	12.583	173	22919	4.552	ug/l #	93
73) Isopropylbenzene	12.701	105	153480	5.033	ug/l	98
74) N-amyl acetate	12.501	43	57483	5.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	50930	5.004	ug/l	95
76) 1,2,3-Trichloropropane	12.995	75	35018m	4.435	ug/l	
77) Bromobenzene	12.983	156	32701	5.255	ug/l	93
78) n-propylbenzene	13.042	91	163617	4.905	ug/l	97
79) 2-Chlorotoluene	13.130	91	104467	5.101	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	120192	4.944	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	16982	5.216	ug/l	91
82) 4-Chlorotoluene	13.224	91	97343	5.178	ug/l	98
83) tert-Butylbenzene	13.442	119	108225	4.925	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	115078	4.882	ug/l	100
85) sec-Butylbenzene	13.618	105	146670	4.847	ug/l	99
86) p-Isopropyltoluene	13.736	119	113044	4.770	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	56787	4.971	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	53097	4.719	ug/l	92
89) n-Butylbenzene	14.060	91	90797	4.683	ug/l	99
90) Hexachloroethane	14.336	117	25452	4.886	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	56674	4.985	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9074	5.001	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	15795	3.907	ug/l	94
94) Hexachlorobutadiene	15.471	225	12029	5.291	ug/l	96
95) Naphthalene	15.589	128	58669	4.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	15224	3.858	ug/l	96

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

