

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080949.D
 Acq On : 07 Feb 2024 20:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

Quant Time: Feb 08 00:33:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	414244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	753572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	689306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	307224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	260709	49.890	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.780%		
35) Dibromofluoromethane	8.171	113	224733	55.577	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.160%		
50) Toluene-d8	10.571	98	803613	54.943	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.880%		
62) 4-Bromofluorobenzene	12.853	95	294148	55.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	235873	50.259	ug/l	100
3) Chloromethane	2.359	50	253483	52.195	ug/l	99
4) Vinyl Chloride	2.512	62	306657	50.032	ug/l	94
5) Bromomethane	2.936	94	195648	49.619	ug/l	99
6) Chloroethane	3.106	64	210578	48.717	ug/l	96
7) Trichlorofluoromethane	3.489	101	391349	48.764	ug/l	94
8) Diethyl Ether	3.959	74	141606	49.387	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	217147	48.100	ug/l #	90
10) Methyl Iodide	4.589	142	221049	50.631	ug/l	98
11) Tert butyl alcohol	5.530	59	215051	298.679	ug/l	100
12) 1,1-Dichloroethene	4.336	96	208809	47.017	ug/l	96
13) Acrolein	4.183	56	230546	254.052	ug/l	99
14) Allyl chloride	5.018	41	313188	53.223	ug/l #	95
15) Acrylonitrile	5.718	53	546124	277.487	ug/l	98
16) Acetone	4.430	43	428042	248.970	ug/l	100
17) Carbon Disulfide	4.712	76	504457	45.033	ug/l	97
18) Methyl Acetate	5.024	43	287441	56.979	ug/l #	87
19) Methyl tert-butyl Ether	5.795	73	770026	52.052	ug/l	93
20) Methylene Chloride	5.271	84	251263	48.238	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	237191	47.577	ug/l	92
22) Diisopropyl ether	6.677	45	689201	50.530	ug/l #	94
23) Vinyl Acetate	6.606	43	2616059	291.071	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	436143	49.100	ug/l	97
25) 2-Butanone	7.483	43	694407	251.639	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	363973	44.809	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	292818	50.548	ug/l	82
28) Bromochloromethane	7.818	49	175457	47.470	ug/l #	51
29) Tetrahydrofuran	7.841	42	467713	277.220	ug/l #	80
30) Chloroform	7.971	83	484645	49.370	ug/l	99
31) Cyclohexane	8.259	56	321059	44.954	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	434549	51.087	ug/l	90
36) 1,1-Dichloropropene	8.371	75	333081	55.370	ug/l	95
37) Ethyl Acetate	7.565	43	283787	62.346	ug/l #	95
38) Carbon Tetrachloride	8.365	117	364560	59.118	ug/l	98
39) Methylcyclohexane	9.600	83	318181	47.457	ug/l #	84
40) Benzene	8.612	78	1021341	55.777	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	159726	58.882	ug/l	90
42) 1,2-Dichloroethane	8.671	62	355351	55.736	ug/l	97
43) Isopropyl Acetate	8.688	43	521717	62.330	ug/l #	93
44) Trichloroethene	9.353	130	264147	47.492	ug/l	98
45) 1,2-Dichloropropane	9.624	63	249895	50.580	ug/l	97
46) Dibromomethane	9.712	93	191452	52.405	ug/l #	90
47) Bromodichloromethane	9.888	83	376571	52.697	ug/l #	97
48) Methyl methacrylate	9.682	41	233894	49.597	ug/l #	86
49) 1,4-Dioxane	9.694	88	100691	1156.379	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1537241	304.752	ug/l	90
52) Toluene	10.635	92	672594	54.838	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	391342	56.597	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	417205	53.753	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	265425	55.990	ug/l	94
56) Ethyl methacrylate	10.877	69	397371	70.071	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	441804	57.443	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	965583	280.461	ug/l #	83
59) 2-Hexanone	11.200	43	1130888	295.798	ug/l	89
60) Dibromochloromethane	11.359	129	297978	61.517	ug/l	98
61) 1,2-Dibromoethane	11.471	107	277687	58.723	ug/l	98
64) Tetrachloroethene	11.106	164	223260	42.910	ug/l	91
65) Chlorobenzene	11.894	112	718753	49.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	268596	51.524	ug/l	97
67) Ethyl Benzene	11.965	91	1258333	50.565	ug/l	98
68) m/p-Xylenes	12.076	106	988589	104.564	ug/l	92
69) o-Xylene	12.400	106	488275	53.224	ug/l	90
70) Styrene	12.412	104	822881	59.765	ug/l	95
71) Bromoform	12.582	173	198602	56.881	ug/l #	98
73) Isopropylbenzene	12.700	105	1200980	50.264	ug/l	98
74) N-amyl acetate	12.494	43	461482	53.582	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	394216	53.038	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	289266m	46.178	ug/l	
77) Bromobenzene	12.982	156	295634	49.037	ug/l	71
78) n-propylbenzene	13.041	91	1352830	50.149	ug/l	94
79) 2-Chlorotoluene	13.129	91	843516	49.480	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	979804	50.451	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	115403	50.053	ug/l	95
82) 4-Chlorotoluene	13.223	91	845098	49.686	ug/l	93
83) tert-Butylbenzene	13.441	119	823183	49.726	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	997570	51.573	ug/l	96
85) sec-Butylbenzene	13.618	105	1143620	51.410	ug/l	94
86) p-Isopropyltoluene	13.735	119	955572	50.831	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	530392	49.400	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	534775	49.082	ug/l	96
89) n-Butylbenzene	14.059	91	784825	47.261	ug/l	96
90) Hexachloroethane	14.335	117	159186	53.701	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	520813	50.632	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	72532	52.170	ug/l	70
93) 1,2,4-Trichlorobenzene	15.394	180	261198	51.333	ug/l	99
94) Hexachlorobutadiene	15.506	225	105616	47.877	ug/l	93
95) Naphthalene	15.641	128	945268	56.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	252303	50.374	ug/l	97

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

