

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081036.D
 Acq On : 15 Feb 2024 13:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:24:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	558275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	969027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	859781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	339090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	326497	47.547	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.100%		
35) Dibromofluoromethane	8.165	113	266739	48.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.020%		
50) Toluene-d8	10.570	98	924005	47.157	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.320%		
62) 4-Bromofluorobenzene	12.853	95	355973	53.417	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	384369	53.683	ug/l	99
3) Chloromethane	2.359	50	416888	48.239	ug/l	97
4) Vinyl Chloride	2.512	62	362563	48.215	ug/l	92
5) Bromomethane	2.947	94	182914	48.211	ug/l	92
6) Chloroethane	3.118	64	226547	46.858	ug/l	99
7) Trichlorofluoromethane	3.494	101	556652	52.591	ug/l	95
8) Diethyl Ether	3.953	74	211742	50.457	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	315687	50.540	ug/l	90
10) Methyl Iodide	4.588	142	297792	46.947	ug/l	97
11) Tert butyl alcohol	5.512	59	315678	256.284	ug/l	98
12) 1,1-Dichloroethene	4.336	96	303295	49.847	ug/l	94
13) Acrolein	4.177	56	305789	314.757	ug/l	100
14) Allyl chloride	5.018	41	467583	47.188	ug/l #	92
15) Acrylonitrile	5.712	53	809531	256.611	ug/l	97
16) Acetone	4.424	43	586506	218.181	ug/l	98
17) Carbon Disulfide	4.712	76	832908	47.245	ug/l #	95
18) Methyl Acetate	5.018	43	366813	51.809	ug/l	94
19) Methyl tert-butyl Ether	5.788	73	1100073	51.814	ug/l	97
20) Methylene Chloride	5.271	84	346962	49.552	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	329024	49.187	ug/l	94
22) Diisopropyl ether	6.665	45	1098831	50.699	ug/l #	95
23) Vinyl Acetate	6.600	43	4492647	257.176	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	619431	51.250	ug/l	98
25) 2-Butanone	7.477	43	1016471	232.918	ug/l	94
26) 2,2-Dichloropropane	7.488	77	574466	51.644	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	383378	49.590	ug/l	92
28) Bromochloromethane	7.812	49	231722	47.489	ug/l #	67
29) Tetrahydrofuran	7.835	42	692104	246.768	ug/l	89
30) Chloroform	7.965	83	644787	49.710	ug/l	97
31) Cyclohexane	8.259	56	542424	45.470	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	580456	50.680	ug/l	93
36) 1,1-Dichloropropene	8.371	75	482546	52.055	ug/l	97
37) Ethyl Acetate	7.553	43	443070	52.250	ug/l	99
38) Carbon Tetrachloride	8.359	117	488588	72.007	ug/l	96
39) Methylcyclohexane	9.600	83	596566	52.309	ug/l	92
40) Benzene	8.606	78	1403432	51.196	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	250970	48.754	ug/l	97
42) 1,2-Dichloroethane	8.671	62	508123	52.219	ug/l	99
43) Isopropyl Acetate	8.688	43	796069	50.107	ug/l	97
44) Trichloroethene	9.353	130	363650	44.788	ug/l	96
45) 1,2-Dichloropropane	9.618	63	358924	52.929	ug/l	95
46) Dibromomethane	9.712	93	249544	52.134	ug/l #	91
47) Bromodichloromethane	9.888	83	519700	55.399	ug/l #	98
48) Methyl methacrylate	9.676	41	379592	50.747	ug/l	93
49) 1,4-Dioxane	9.694	88	140835	1106.628	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	2257194	254.758	ug/l	96
52) Toluene	10.629	92	892424	52.116	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	593818	53.729	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	621494	53.171	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	348957	54.191	ug/l	95
56) Ethyl methacrylate	10.876	69	556556	52.786	ug/l	91
57) 1,3-Dichloropropane	11.165	76	610794	53.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1357286	259.433	ug/l #	88
59) 2-Hexanone	11.194	43	1669853	256.622	ug/l	96
60) Dibromochloromethane	11.365	129	377934	61.722	ug/l	99
61) 1,2-Dibromoethane	11.470	107	362087	53.478	ug/l	98
64) Tetrachloroethene	11.106	164	331460	37.815	ug/l	92
65) Chlorobenzene	11.894	112	940649	52.175	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	348295	56.113	ug/l	97
67) Ethyl Benzene	11.964	91	1748032	51.429	ug/l	99
68) m/p-Xylenes	12.070	106	1276870	101.871	ug/l	100
69) o-Xylene	12.400	106	623581	51.296	ug/l	99
70) Styrene	12.412	104	1047314	54.055	ug/l	99
71) Bromoform	12.576	173	222175	70.356	ug/l #	96
73) Isopropylbenzene	12.700	105	1664754	48.592	ug/l	99
74) N-amyl acetate	12.494	43	735749	46.678	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	409092	48.649	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	385019m	51.387	ug/l	
77) Bromobenzene	12.982	156	352333	50.774	ug/l	80
78) n-propylbenzene	13.035	91	1997480	51.094	ug/l	97
79) 2-Chlorotoluene	13.129	91	1141036	50.533	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1362507	51.260	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	167946	52.179	ug/l #	81
82) 4-Chlorotoluene	13.223	91	1119409	51.301	ug/l	98
83) tert-Butylbenzene	13.441	119	1154350	50.714	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1337667	52.232	ug/l	97
85) sec-Butylbenzene	13.617	105	1664776	53.312	ug/l	95
86) p-Isopropyltoluene	13.729	119	1362323	54.250	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	608554	51.571	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	602909	49.450	ug/l	98
89) n-Butylbenzene	14.058	91	1212476	52.748	ug/l	97
90) Hexachloroethane	14.335	117	175807	145.103	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	571717	49.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	84532	49.397	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	347632	50.728	ug/l	99
94) Hexachlorobutadiene	15.505	225	142782	50.376	ug/l	94
95) Naphthalene	15.641	128	1163155	47.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	339682	50.581	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

