

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081548.D
 Acq On : 22 Mar 2024 15:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Semsettin Yesilyurt 03/25/2024

Quant Time: Mar 23 00:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	456379	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	769846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	686061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	336107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	278589	47.867	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.740%		
35) Dibromofluoromethane	8.171	113	246180	50.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	10.565	98	893941	50.899	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.800%		
62) 4-Bromofluorobenzene	12.847	95	313925	50.727	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	101.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	263033	42.803	ug/l	98
3) Chloromethane	2.359	50	256304	41.891	ug/l	94
4) Vinyl Chloride	2.518	62	297464	43.321	ug/l	96
5) Bromomethane	2.959	94	191973	39.533	ug/l	96
6) Chloroethane	3.124	64	191924	40.709	ug/l	97
7) Trichlorofluoromethane	3.506	101	478427	46.751	ug/l	91
8) Diethyl Ether	3.959	74	167060	49.328	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	273965	47.116	ug/l	89
10) Methyl Iodide	4.595	142	296521	51.208	ug/l	98
11) Tert butyl alcohol	5.506	59	182181	179.622	ug/l	99
12) 1,1-Dichloroethene	4.342	96	251813	46.753	ug/l	86
13) Acrolein	4.177	56	248673	273.234	ug/l	98
14) Allyl chloride	5.024	41	314486	46.597	ug/l #	83
15) Acrylonitrile	5.706	53	562602	207.344	ug/l	97
16) Acetone	4.424	43	352115	187.206	ug/l	97
17) Carbon Disulfide	4.712	76	658751	42.621	ug/l	96
18) Methyl Acetate	5.024	43	257180	44.351	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	824549	48.917	ug/l	96
20) Methylene Chloride	5.277	84	282156	45.795	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	278973	46.454	ug/l	87
22) Diisopropyl ether	6.671	45	786615	50.162	ug/l #	92
23) Vinyl Acetate	6.600	43	2970161	237.953	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	495092	47.137	ug/l	95
25) 2-Butanone	7.477	43	647939	200.841	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	460895	50.594	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	331646	48.809	ug/l	85
28) Bromochloromethane	7.812	49	183677	42.935	ug/l #	53
29) Tetrahydrofuran	7.835	42	454735	209.234	ug/l #	78
30) Chloroform	7.965	83	538445	47.888	ug/l	98
31) Cyclohexane	8.253	56	417277	44.059	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	481743	47.224	ug/l	93
36) 1,1-Dichloropropene	8.371	75	401283	49.079	ug/l	96
37) Ethyl Acetate	7.559	43	285328	40.753	ug/l	96
38) Carbon Tetrachloride	8.365	117	425942	47.555	ug/l	94
39) Methylcyclohexane	9.600	83	458918	50.260	ug/l	85
40) Benzene	8.606	78	1169170	48.911	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	158816	42.893	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	395493	47.013	ug/l	97
43) Isopropyl Acetate	8.682	43	509188	43.875	ug/l #	89
44) Trichloroethene	9.347	130	328241	48.823	ug/l	90
45) 1,2-Dichloropropane	9.618	63	291827	50.374	ug/l	98
46) Dibromomethane	9.706	93	209227	47.557	ug/l #	87
47) Bromodichloromethane	9.888	83	430827	50.086	ug/l #	99
48) Methyl methacrylate	9.677	41	237526	44.373	ug/l #	81
49) 1,4-Dioxane	9.700	88	97875	760.849	ug/l #	66
51) 4-Methyl-2-Pentanone	10.441	43	1506945	212.797	ug/l	91
52) Toluene	10.629	92	747758	49.216	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	452187	48.684	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	493295	49.535	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	286603	46.874	ug/l	93
56) Ethyl methacrylate	10.871	69	406420	45.153	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	489562	48.842	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	951332	247.270	ug/l #	84
59) 2-Hexanone	11.194	43	1090426	208.267	ug/l	89
60) Dibromochloromethane	11.359	129	320592	47.676	ug/l	98
61) 1,2-Dibromoethane	11.471	107	293790	47.129	ug/l	96
64) Tetrachloroethene	11.106	164	332060	50.635	ug/l	88
65) Chlorobenzene	11.888	112	797759	49.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	301394	50.140	ug/l	97
67) Ethyl Benzene	11.965	91	1441178	51.155	ug/l	100
68) m/p-Xylenes	12.070	106	1113457	105.426	ug/l	95
69) o-Xylene	12.400	106	541741	52.249	ug/l	91
70) Styrene	12.412	104	899778	53.807	ug/l	96
71) Bromoform	12.576	173	206837	45.791	ug/l #	98
73) Isopropylbenzene	12.694	105	1420505	49.581	ug/l	97
74) N-amyl acetate	12.494	43	457657	44.141	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	352825	41.886	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	314661m	39.138	ug/l	
77) Bromobenzene	12.982	156	324425	45.840	ug/l	69
78) n-propylbenzene	13.035	91	1661650	49.111	ug/l	95
79) 2-Chlorotoluene	13.123	91	962781	47.544	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1170905	49.481	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	130066	43.717	ug/l	97
82) 4-Chlorotoluene	13.223	91	969741	48.572	ug/l	93
83) tert-Butylbenzene	13.441	119	1002744	49.140	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1192603	50.144	ug/l	95
85) sec-Butylbenzene	13.617	105	1451810	49.769	ug/l	93
86) p-Isopropyltoluene	13.729	119	1226275	51.426	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	623783	47.971	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	631972	46.937	ug/l	96
89) n-Butylbenzene	14.059	91	1079399	51.048	ug/l	97
90) Hexachloroethane	14.335	117	212280	47.006	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	615479	49.177	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	72696	40.551	ug/l	67
93) 1,2,4-Trichlorobenzene	15.394	180	366523	50.649	ug/l	98
94) Hexachlorobutadiene	15.500	225	148726	46.841	ug/l	96
95) Naphthalene	15.641	128	1162707	49.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	353714	48.594	ug/l	98

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

