

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034735.D
 Acq On : 24 Mar 2023 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 27 01:36:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	317822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	483147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	243517	52.667	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.340%			
35) Dibromofluoromethane	5.385	113	184773	51.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.360%			
50) Toluene-d8	8.647	98	639851	47.943	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.880%			
62) 4-Bromofluorobenzene	11.079	95	264362	49.040	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	182056	61.445	ug/l	100
3) Chloromethane	1.294	50	212491	47.273	ug/l	99
4) Vinyl Chloride	1.374	62	210959	52.290	ug/l	96
5) Bromomethane	1.618	94	124595	61.209	ug/l	98
6) Chloroethane	1.691	64	113910	49.038	ug/l	98
7) Trichlorofluoromethane	1.886	101	293108	48.352	ug/l	99
8) Diethyl Ether	2.130	74	119267	53.896	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	168388	47.664	ug/l	99
10) Methyl Iodide	2.453	142	233038	50.242	ug/l	93
11) Tert butyl alcohol	2.989	59	245287	254.752	ug/l	96
12) 1,1-Dichloroethene	2.319	96	165855	47.669	ug/l	93
13) Acrolein	2.239	56	170126	223.350	ug/l	100
14) Allyl chloride	2.666	41	340793	48.313	ug/l	97
15) Acrylonitrile	3.062	53	529914	254.776	ug/l	99
16) Acetone	2.386	43	481761	221.196	ug/l	96
17) Carbon Disulfide	2.514	76	399164	40.767	ug/l	98
18) Methyl Acetate	2.703	43	387251	54.415	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	661195	53.076	ug/l	97
20) Methylene Chloride	2.788	84	196909	46.583	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	183042	49.537	ug/l	98
22) Diisopropyl ether	3.757	45	682291	50.732	ug/l	95
23) Vinyl Acetate	3.721	43	2564844	250.585	ug/l	99
24) 1,1-Dichloroethane	3.611	63	365455	50.551	ug/l	98
25) 2-Butanone	4.556	43	765882	245.760	ug/l	100
26) 2,2-Dichloropropane	4.477	77	294438	46.854	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	218679	49.162	ug/l	98
28) Bromochloromethane	4.897	49	157043	46.719	ug/l	97
29) Tetrahydrofuran	5.001	42	494465	257.133	ug/l	100
30) Chloroform	5.093	83	371246	52.387	ug/l	100
31) Cyclohexane	5.471	56	297043	45.808	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	330921	52.749	ug/l	99
36) 1,1-Dichloropropene	5.696	75	264635	48.193	ug/l	100
37) Ethyl Acetate	4.708	43	302480	50.423	ug/l	99
38) Carbon Tetrachloride	5.678	117	274394	50.231	ug/l	99
39) Methylcyclohexane	7.379	83	292235	44.471	ug/l	96
40) Benzene	6.037	78	780709	48.601	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	171597	52.195	ug/l	98
42) 1,2-Dichloroethane	6.086	62	314698	53.306	ug/l	100
43) Isopropyl Acetate	6.336	43	515390	50.715	ug/l	100
44) Trichloroethene	7.123	130	201525	48.284	ug/l	100
45) 1,2-Dichloropropane	7.427	63	209015	49.833	ug/l	99
46) Dibromomethane	7.580	93	143703	50.396	ug/l	99
47) Bromodichloromethane	7.824	83	280865	50.893	ug/l	98
48) Methyl methacrylate	7.690	41	256205	52.419	ug/l	98
49) 1,4-Dioxane	7.702	88	102411	997.587	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1508689	255.911	ug/l	100
52) Toluene	8.720	92	493906	49.663	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	311642	50.125	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	331395	49.267	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	202766	51.374	ug/l	98
56) Ethyl methacrylate	9.116	69	331008	51.079	ug/l	98
57) 1,3-Dichloropropane	9.305	76	353696	50.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	761851	228.122	ug/l	98
59) 2-Hexanone	9.433	43	1134518	248.950	ug/l	99
60) Dibromochloromethane	9.519	129	209007	50.492	ug/l	99
61) 1,2-Dibromoethane	9.610	107	213522	50.133	ug/l	100
64) Tetrachloroethene	9.275	164	168119	51.801	ug/l	98
65) Chlorobenzene	10.079	112	523940	49.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	196444	50.881	ug/l	98
67) Ethyl Benzene	10.195	91	936003	49.322	ug/l	99
68) m/p-Xylenes	10.299	106	719007	98.628	ug/l	100
69) o-Xylene	10.640	106	358662	49.025	ug/l	99
70) Styrene	10.653	104	598622	50.716	ug/l	99
71) Bromoform	10.799	173	146030	49.136	ug/l #	100
73) Isopropylbenzene	10.963	105	913227	49.435	ug/l	99
74) N-amyl acetate	10.842	43	448400	50.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	304956	49.470	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	260077m	47.389	ug/l	
77) Bromobenzene	11.195	156	221311	49.933	ug/l	98
78) n-propylbenzene	11.305	91	1047964	49.121	ug/l	100
79) 2-Chlorotoluene	11.366	91	653416	49.591	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	779557	50.311	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	94456	46.561	ug/l	98
82) 4-Chlorotoluene	11.451	91	749721	49.399	ug/l	99
83) tert-Butylbenzene	11.713	119	760270	48.665	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	788297	49.780	ug/l	98
85) sec-Butylbenzene	11.890	105	906260	47.450	ug/l	100
86) p-Isopropyltoluene	12.006	119	777120	48.413	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	412122	47.457	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	418683	47.681	ug/l	100
89) n-Butylbenzene	12.329	91	653563	45.800	ug/l	100
90) Hexachloroethane	12.536	117	130914	44.076	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	415218	49.476	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71012	50.703	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	254767	48.544	ug/l	98
94) Hexachlorobutadiene	13.725	225	99379	47.004	ug/l	97
95) Naphthalene	13.774	128	900477	51.167	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	255474	49.799	ug/l	98

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

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