

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037172.D
 Acq On : 23 Aug 2023 10:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/24/2023
 Supervised By : Mahesh Dadoda 08/24/2023

Quant Time: Aug 24 05:27:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	248257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109731	53.411	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.820%			
35) Dibromofluoromethane	5.379	113	88501	53.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.660%			
50) Toluene-d8	8.647	98	306557	51.402	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.800%			
62) 4-Bromofluorobenzene	11.079	95	128484	54.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79735	48.168	ug/l	98
3) Chloromethane	1.294	50	76422	52.771	ug/l	97
4) Vinyl Chloride	1.374	62	75067	47.621	ug/l	99
5) Bromomethane	1.618	94	57404	73.107	ug/l	100
6) Chloroethane	1.691	64	50155	54.069	ug/l	99
7) Trichlorofluoromethane	1.892	101	127801	49.493	ug/l	99
8) Diethyl Ether	2.130	74	53156	53.208	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	70135	46.558	ug/l	97
10) Methyl Iodide	2.453	142	108836	59.446	ug/l	95
11) Tert butyl alcohol	2.989	59	96357	199.941	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	68338	46.586	ug/l	88
13) Acrolein	2.239	56	64518	175.979	ug/l	97
14) Allyl chloride	2.666	41	115048	50.670	ug/l #	94
15) Acrylonitrile	3.062	53	214608	249.493	ug/l	99
16) Acetone	2.386	43	229642	285.724	ug/l	92
17) Carbon Disulfide	2.514	76	163629	43.852	ug/l	98
18) Methyl Acetate	2.703	43	146765	48.499	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	297714	53.512	ug/l	98
20) Methylene Chloride	2.788	84	88657	49.326	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	79656	47.768	ug/l	89
22) Diisopropyl ether	3.757	45	246285	52.859	ug/l #	87
23) Vinyl Acetate	3.721	43	970516	271.819	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	147668	50.540	ug/l	97
25) 2-Butanone	4.556	43	305732	252.637	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	138294	52.999	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	101051	51.402	ug/l	91
28) Bromochloromethane	4.891	49	75104	57.541	ug/l #	78
29) Tetrahydrofuran	5.001	42	180624	234.043	ug/l #	84
30) Chloroform	5.093	83	169133	51.567	ug/l	100
31) Cyclohexane	5.471	56	105287	45.578	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	144338	49.108	ug/l	97
36) 1,1-Dichloropropene	5.690	75	109591	46.916	ug/l	97
37) Ethyl Acetate	4.708	43	115354	48.344	ug/l #	94
38) Carbon Tetrachloride	5.678	117	124164	48.933	ug/l	97
39) Methylcyclohexane	7.379	83	122213	49.798	ug/l	92
40) Benzene	6.038	78	336924	50.292	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	62696	50.544	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	138318	52.649	ug/l	97
43) Isopropyl Acetate	6.336	43	197325	52.089	ug/l #	93
44) Trichloroethene	7.123	130	90235	47.501	ug/l	98
45) 1,2-Dichloropropane	7.428	63	87416	52.920	ug/l	99
46) Dibromomethane	7.580	93	69376	53.313	ug/l	95
47) Bromodichloromethane	7.818	83	138418	55.534	ug/l	99
48) Methyl methacrylate	7.690	41	96412	52.186	ug/l #	87
49) 1,4-Dioxane	7.690	88	37182	747.299	ug/l #	89
51) 4-Methyl-2-Pentanone	8.568	43	581357	252.727	ug/l	91
52) Toluene	8.714	92	221425	50.024	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	154973	58.395	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	158366	55.220	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	97871	54.300	ug/l	97
56) Ethyl methacrylate	9.116	69	153724	54.450	ug/l	88
57) 1,3-Dichloropropane	9.305	76	161847	53.267	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	376427	277.839	ug/l	93
59) 2-Hexanone	9.427	43	452804	258.162	ug/l	89
60) Dibromochloromethane	9.519	129	110166	57.408	ug/l	100
61) 1,2-Dibromoethane	9.610	107	106679	54.058	ug/l	99
64) Tetrachloroethene	9.275	164	68833	39.701	ug/l	98
65) Chlorobenzene	10.079	112	251326	50.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	98824	53.306	ug/l	99
67) Ethyl Benzene	10.189	91	431326	48.800	ug/l	99
68) m/p-Xylenes	10.299	106	335438	98.274	ug/l	98
69) o-Xylene	10.640	106	168353	49.992	ug/l	99
70) Styrene	10.653	104	290066	52.290	ug/l	98
71) Bromoform	10.799	173	79801	57.546	ug/l #	99
73) Isopropylbenzene	10.963	105	423519	46.352	ug/l	99
74) N-amyl acetate	10.842	43	177797	50.079	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	151318	49.175	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	129274m	48.288	ug/l	
77) Bromobenzene	11.195	156	108767	48.742	ug/l	94
78) n-propylbenzene	11.305	91	494207	48.575	ug/l	99
79) 2-Chlorotoluene	11.360	91	307480	47.292	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	368557	48.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	50817	53.017	ug/l	87
82) 4-Chlorotoluene	11.451	91	365027	48.637	ug/l	98
83) tert-Butylbenzene	11.713	119	362510	49.871	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	379681	49.290	ug/l	97
85) sec-Butylbenzene	11.890	105	433339	51.038	ug/l	99
86) p-Isopropyltoluene	12.006	119	376645	51.532	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	206446	49.414	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	213689	49.506	ug/l	98
89) n-Butylbenzene	12.329	91	333725	55.073	ug/l	99
90) Hexachloroethane	12.536	117	68468	56.124	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	205540	50.242	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35664	49.880	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	130098	54.349	ug/l	99
94) Hexachlorobutadiene	13.725	225	46843	50.654	ug/l	98
95) Naphthalene	13.774	128	451465	43.056	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	125710	52.859	ug/l	99

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

