

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037033.D
 Acq On : 17 Aug 2023 02:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 17 05:07:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	128836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93623	49.112	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.220%		
35) Dibromofluoromethane	5.385	113	79513	51.851	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.700%		
50) Toluene-d8	8.647	98	253908	46.690	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.380%		
62) 4-Bromofluorobenzene	11.079	95	107468	52.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88608	52.062	ug/l	95
3) Chloromethane	1.294	50	70104	45.287	ug/l	97
4) Vinyl Chloride	1.374	62	81372	51.630	ug/l	98
5) Bromomethane	1.599	94	47081	50.036	ug/l	98
6) Chloroethane	1.679	64	46648	60.878	ug/l	99
7) Trichlorofluoromethane	1.886	101	151400	62.205	ug/l	99
8) Diethyl Ether	2.136	74	55426	58.862	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	82840	56.652	ug/l	98
10) Methyl Iodide	2.453	142	99794	65.706	ug/l	95
11) Tert butyl alcohol	2.965	59	119496	264.776	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	78229	54.226	ug/l	89
13) Acrolein	2.239	56	57970	225.072	ug/l	98
14) Allyl chloride	2.660	41	120394	42.381	ug/l #	95
15) Acrylonitrile	3.062	53	239368	263.736	ug/l	99
16) Acetone	2.380	43	209730	265.129	ug/l	92
17) Carbon Disulfide	2.508	76	169107	42.472	ug/l	100
18) Methyl Acetate	2.703	43	172688	51.893	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	311148	57.394	ug/l	98
20) Methylene Chloride	2.788	84	90396	51.383	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	86376	53.572	ug/l	92
22) Diisopropyl ether	3.764	45	267013	49.504	ug/l #	81
23) Vinyl Acetate	3.721	43	1008156	243.666	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	163314	54.004	ug/l	97
25) 2-Butanone	4.556	43	328413	255.886	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	100217	35.170	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	106623	55.676	ug/l	88
28) Bromochloromethane	4.904	49	67768	46.335	ug/l #	79
29) Tetrahydrofuran	5.007	42	206249	249.258	ug/l #	84
30) Chloroform	5.093	83	184207	59.538	ug/l	99
31) Cyclohexane	5.471	56	123905	46.943	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	165965	58.543	ug/l	98
36) 1,1-Dichloropropene	5.690	75	121943	53.351	ug/l	97
37) Ethyl Acetate	4.715	43	127852	49.420	ug/l #	94
38) Carbon Tetrachloride	5.678	117	140997	58.024	ug/l	98
39) Methylcyclohexane	7.379	83	129502	45.565	ug/l	91
40) Benzene	6.038	78	364447	54.804	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70194	50.731	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	143963	59.211	ug/l	96
43) Isopropyl Acetate	6.342	43	215671	48.430	ug/l #	93
44) Trichloroethene	7.123	130	100100	57.587	ug/l	98
45) 1,2-Dichloropropane	7.428	63	93089	52.430	ug/l	100
46) Dibromomethane	7.580	93	72663	58.476	ug/l	96
47) Bromodichloromethane	7.824	83	144763	56.755	ug/l	97
48) Methyl methacrylate	7.690	41	104139	50.284	ug/l #	87
49) 1,4-Dioxane	7.659	88	48139	1150.611	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	645129	261.780	ug/l	93
52) Toluene	8.720	92	239854	57.563	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	145621	50.513	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	153278	50.387	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	101921	58.189	ug/l	98
56) Ethyl methacrylate	9.116	69	158189	55.463	ug/l	89
57) 1,3-Dichloropropane	9.305	76	168857	57.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	334494	238.014	ug/l	94
59) 2-Hexanone	9.427	43	482054	263.564	ug/l	90
60) Dibromochloromethane	9.519	129	114444	59.446	ug/l	99
61) 1,2-Dibromoethane	9.610	107	110003	60.597	ug/l	99
64) Tetrachloroethene	9.275	164	89539	58.848	ug/l	98
65) Chlorobenzene	10.079	112	259135	57.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	103545	59.578	ug/l	100
67) Ethyl Benzene	10.195	91	456768	55.606	ug/l	98
68) m/p-Xylenes	10.299	106	353392	115.304	ug/l	98
69) o-Xylene	10.640	106	175891	57.494	ug/l	99
70) Styrene	10.653	104	294851	58.416	ug/l	98
71) Bromoform	10.799	173	79208	56.301	ug/l #	99
73) Isopropylbenzene	10.963	105	457934	54.098	ug/l	99
74) N-amyl acetate	10.842	43	178566	45.236	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	152031	53.176	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	129312m	53.749	ug/l	
77) Bromobenzene	11.195	156	107407	55.716	ug/l	94
78) n-propylbenzene	11.305	91	508200	51.911	ug/l	100
79) 2-Chlorotoluene	11.366	91	318463	53.684	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	383379	54.138	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	42404	39.949	ug/l	89
82) 4-Chlorotoluene	11.451	91	368475	54.515	ug/l	99
83) tert-Butylbenzene	11.713	119	366681	52.708	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	382930	54.070	ug/l	97
85) sec-Butylbenzene	11.890	105	438695	50.565	ug/l	99
86) p-Isopropyltoluene	12.006	119	371146	51.990	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	201695	56.490	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	203296	57.374	ug/l	99
89) n-Butylbenzene	12.329	91	304516	47.651	ug/l	99
90) Hexachloroethane	12.536	117	65557	45.298	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	203192	58.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35812	53.903	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	113387	53.416	ug/l	98
94) Hexachlorobutadiene	13.725	225	44781	50.992	ug/l	99
95) Naphthalene	13.774	128	434648	58.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	114553	54.753	ug/l	98

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

