

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037528.D
 Acq On : 06 Sep 2023 02:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 06 05:25:51 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2023
 Supervised By : Mahesh Dadoda 09/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88920	51.441	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.880%			
35) Dibromofluoromethane	5.385	113	80089	58.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.040%			
50) Toluene-d8	8.647	98	270341	53.995	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.000%			
62) 4-Bromofluorobenzene	11.079	95	113002	57.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	64070	46.001	ug/l	96
3) Chloromethane	1.301	50	67659	55.527	ug/l	98
4) Vinyl Chloride	1.374	62	70660	53.275	ug/l	99
5) Bromomethane	1.599	94	29871	45.214	ug/l	95
6) Chloroethane	1.673	64	39451	50.547	ug/l	100
7) Trichlorofluoromethane	1.880	101	106416	48.980	ug/l	99
8) Diethyl Ether	2.136	74	47236	56.196	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	62133	49.022	ug/l	96
10) Methyl Iodide	2.447	142	87298	56.670	ug/l	91
11) Tert butyl alcohol	2.971	59	103342	254.859	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	62998	51.041	ug/l	85
13) Acrolein	2.240	56	45456	147.359	ug/l	98
14) Allyl chloride	2.660	41	94540	49.487	ug/l #	87
15) Acrylonitrile	3.063	53	224198	309.776	ug/l	98
16) Acetone	2.380	43	181551	268.471	ug/l #	86
17) Carbon Disulfide	2.508	76	129992	41.405	ug/l	99
18) Methyl Acetate	2.703	43	148190	58.201	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	257275	54.961	ug/l	98
20) Methylene Chloride	2.788	84	82959	54.857	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	71395	50.885	ug/l	86
22) Diisopropyl ether	3.764	45	219123	55.895	ug/l #	80
23) Vinyl Acetate	3.721	43	787536	262.151	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	134722	54.802	ug/l	95
25) 2-Butanone	4.556	43	284117	279.034	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	59594	27.144	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	89358	54.023	ug/l	83
28) Bromochloromethane	4.898	49	59835	54.485	ug/l #	70
29) Tetrahydrofuran	5.007	42	181609	279.680	ug/l #	82
30) Chloroform	5.093	83	149532	54.185	ug/l	96
31) Cyclohexane	5.471	56	92585	47.635	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	125920	50.918	ug/l	95
36) 1,1-Dichloropropene	5.696	75	94143	48.008	ug/l	96
37) Ethyl Acetate	4.715	43	106854	53.343	ug/l #	92
38) Carbon Tetrachloride	5.678	117	106248	49.878	ug/l	99
39) Methylcyclohexane	7.379	83	105749	51.327	ug/l	90
40) Benzene	6.038	78	306405	54.481	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59751	57.378	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	111878	50.726	ug/l	93
43) Isopropyl Acetate	6.342	43	171854	54.038	ug/l #	89
44) Trichloroethene	7.123	130	80899	50.728	ug/l	93
45) 1,2-Dichloropropane	7.428	63	79861	57.589	ug/l	98
46) Dibromomethane	7.580	93	60123	55.035	ug/l	93
47) Bromodichloromethane	7.824	83	114887	54.905	ug/l	98
48) Methyl methacrylate	7.696	41	83742	53.994	ug/l #	79
49) 1,4-Dioxane	7.659	88	48324	1156.914	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	562758	291.412	ug/l	88
52) Toluene	8.720	92	200410	53.932	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111577	50.080	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	122003	50.674	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	91469	60.450	ug/l	98
56) Ethyl methacrylate	9.116	69	137102	57.847	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	147980	58.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	305634	268.714	ug/l	92
59) 2-Hexanone	9.433	43	431917	293.332	ug/l	84
60) Dibromochloromethane	9.525	129	94724	58.797	ug/l	100
61) 1,2-Dibromoethane	9.610	107	95223	57.478	ug/l	100
64) Tetrachloroethene	9.275	164	69353	48.181	ug/l	98
65) Chlorobenzene	10.080	112	224332	53.793	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	87238	56.679	ug/l	100
67) Ethyl Benzene	10.195	91	383858	52.310	ug/l	98
68) m/p-Xylenes	10.299	106	301896	106.534	ug/l	97
69) o-Xylene	10.640	106	152862	54.674	ug/l	97
70) Styrene	10.653	104	261120	56.698	ug/l	96
71) Bromoform	10.799	173	70124	60.908	ug/l #	99
73) Isopropylbenzene	10.964	105	395255	51.884	ug/l	99
74) N-amyl acetate	10.842	43	152227	51.427	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.214	83	147224	57.385	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	119622m	53.592	ug/l	
77) Bromobenzene	11.195	156	98514	52.950	ug/l	91
78) n-propylbenzene	11.305	91	443383	52.268	ug/l	98
79) 2-Chlorotoluene	11.366	91	281581	51.944	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	342118	53.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35850	44.860	ug/l	86
82) 4-Chlorotoluene	11.451	91	317058	50.668	ug/l	97
83) tert-Butylbenzene	11.713	119	341285	56.313	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	345021	53.721	ug/l	98
85) sec-Butylbenzene	11.890	105	412650	58.292	ug/l	98
86) p-Isopropyltoluene	12.006	119	351649	57.705	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	185073	53.131	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	183544	51.001	ug/l	99
89) n-Butylbenzene	12.329	91	288428	57.088	ug/l	99
90) Hexachloroethane	12.536	117	62311	61.262	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	190115	55.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32211	54.034	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	110497	55.365	ug/l	98
94) Hexachlorobutadiene	13.725	225	45756	59.345	ug/l	98
95) Naphthalene	13.774	128	416798	47.675	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113576	57.279	ug/l	98

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

