

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036472.D
 Acq On : 07 Jul 2023 20:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 23:10:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	162647	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	301316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132018	56.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.260%			
35) Dibromofluoromethane	5.385	113	106474	53.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.180%			
50) Toluene-d8	8.653	98	376162	50.691	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.380%			
62) 4-Bromofluorobenzene	11.079	95	138712	53.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70376	45.704	ug/l	97
3) Chloromethane	1.294	50	115733	43.326	ug/l	97
4) Vinyl Chloride	1.374	62	126097	43.179	ug/l	99
5) Bromomethane	1.617	94	112695	52.739	ug/l	97
6) Chloroethane	1.685	64	114694	53.499	ug/l	99
7) Trichlorofluoromethane	1.886	101	195127	43.949	ug/l	97
8) Diethyl Ether	2.136	74	89950	52.482	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	86984	46.681	ug/l	97
10) Methyl Iodide	2.453	142	137063	60.706	ug/l	92
11) Tert butyl alcohol	3.001	59	148468	349.842	ug/l	97
12) 1,1-Dichloroethene	2.319	96	94386	51.063	ug/l	93
13) Acrolein	2.239	56	97735	167.689	ug/l	99
14) Allyl chloride	2.666	41	170642	56.806	ug/l	97
15) Acrylonitrile	3.068	53	330252	307.012	ug/l	99
16) Acetone	2.392	43	286828	287.830	ug/l	92
17) Carbon Disulfide	2.514	76	217317	47.870	ug/l	98
18) Methyl Acetate	2.709	43	253227	61.794	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	361787	60.564	ug/l	99
20) Methylene Chloride	2.788	84	119193	55.551	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	104616	53.038	ug/l	93
22) Diisopropyl ether	3.763	45	368090	61.152	ug/l	87
23) Vinyl Acetate	3.721	43	1373176	314.357	ug/l	98
24) 1,1-Dichloroethane	3.611	63	206834	58.306	ug/l	100
25) 2-Butanone	4.562	43	449196	313.728	ug/l	96
26) 2,2-Dichloropropane	4.477	77	120837	48.029	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	128051	57.886	ug/l	92
28) Bromochloromethane	4.904	49	95439	51.876	ug/l	90
29) Tetrahydrofuran	5.013	42	287836	315.757	ug/l	94
30) Chloroform	5.099	83	214605	60.064	ug/l	99
31) Cyclohexane	5.470	56	141304	47.295	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	175925	58.946	ug/l	99
36) 1,1-Dichloropropene	5.696	75	142845	48.233	ug/l	98
37) Ethyl Acetate	4.715	43	177525	58.813	ug/l	98
38) Carbon Tetrachloride	5.678	117	142340	52.623	ug/l	95
39) Methylcyclohexane	7.385	83	149048	42.018	ug/l	94
40) Benzene	6.044	78	452163	54.655	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95261	56.890	ug/l	94
42) 1,2-Dichloroethane	6.086	62	175954	55.917	ug/l	99
43) Isopropyl Acetate	6.342	43	288716	59.958	ug/l	97
44) Trichloroethene	7.129	130	119508	51.935	ug/l	97
45) 1,2-Dichloropropane	7.434	63	122483	54.360	ug/l	100
46) Dibromomethane	7.580	93	88035	55.506	ug/l	94
47) Bromodichloromethane	7.824	83	162715	56.731	ug/l	98
48) Methyl methacrylate	7.696	41	139952	58.291	ug/l	92
49) 1,4-Dioxane	7.708	88	58856	1105.795	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	913311	294.396	ug/l	98
52) Toluene	8.720	92	277792	52.984	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	173729	59.963	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	187504	57.250	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	123749	56.792	ug/l	96
56) Ethyl methacrylate	9.116	69	193826	59.471	ug/l	96
57) 1,3-Dichloropropane	9.311	76	204399	54.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	502889	274.559	ug/l	98
59) 2-Hexanone	9.433	43	689920	304.536	ug/l	97
60) Dibromochloromethane	9.525	129	123756	58.456	ug/l	98
61) 1,2-Dibromoethane	9.610	107	129655	56.069	ug/l	100
64) Tetrachloroethene	9.275	164	102399	53.466	ug/l	98
65) Chlorobenzene	10.079	112	308203	54.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	113124	58.696	ug/l	98
67) Ethyl Benzene	10.195	91	540027	53.274	ug/l	98
68) m/p-Xylenes	10.305	106	414006	105.122	ug/l	97
69) o-Xylene	10.640	106	208123	54.723	ug/l	98
70) Styrene	10.659	104	342082	54.935	ug/l	96
71) Bromoform	10.799	173	86215	62.367	ug/l #	100
73) Isopropylbenzene	10.963	105	513134	52.222	ug/l	97
74) N-amyl acetate	10.841	43	251985	64.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	190421	57.228	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	155478m	55.904	ug/l	
77) Bromobenzene	11.201	156	130465	53.998	ug/l	92
78) n-propylbenzene	11.305	91	601189	52.389	ug/l	99
79) 2-Chlorotoluene	11.366	91	366573	53.699	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	437555	52.582	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	52147	61.121	ug/l	91
82) 4-Chlorotoluene	11.457	91	418565	52.667	ug/l	96
83) tert-Butylbenzene	11.713	119	422396	52.966	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	440246	53.476	ug/l	96
85) sec-Butylbenzene	11.890	105	512179	50.696	ug/l	100
86) p-Isopropyltoluene	12.012	119	438580	51.727	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	240104	54.051	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	238900	52.816	ug/l	99
89) n-Butylbenzene	12.335	91	387572	51.363	ug/l	98
90) Hexachloroethane	12.536	117	70066	54.561	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	242302	55.396	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42109	66.626	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	157904	58.610	ug/l	97
94) Hexachlorobutadiene	13.725	225	51112	46.322	ug/l	97
95) Naphthalene	13.774	128	546270	61.375	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	157071	59.768	ug/l	98

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

