

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036607.D
 Acq On : 21 Jul 2023 12:32
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072123

Quant Time: Jul 21 23:03:43 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 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	206205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139871	45.843	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.680%		
35) Dibromofluoromethane	5.385	113	113306	46.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.647	98	408485	47.345	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.680%		
62) 4-Bromofluorobenzene	11.079	95	157739	48.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122291	44.893	ug/l	98
3) Chloromethane	1.301	50	107567	43.415	ug/l	99
4) Vinyl Chloride	1.374	62	115557	45.810	ug/l	100
5) Bromomethane	1.618	94	65053	43.196	ug/l	96
6) Chloroethane	1.685	64	58452	47.661	ug/l	97
7) Trichlorofluoromethane	1.886	101	183766	47.174	ug/l	98
8) Diethyl Ether	2.136	74	67122	44.537	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	111090	47.466	ug/l	99
10) Methyl Iodide	2.453	142	116421	47.893	ug/l	91
11) Tert butyl alcohol	2.989	59	152786	211.518	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	106262	46.021	ug/l	91
13) Acrolein	2.239	56	93590	227.031	ug/l	99
14) Allyl chloride	2.666	41	208282	45.809	ug/l	93
15) Acrylonitrile	3.069	53	337261	232.171	ug/l	99
16) Acetone	2.392	43	306085	241.755	ug/l	91
17) Carbon Disulfide	2.514	76	291094	45.679	ug/l	98
18) Methyl Acetate	2.709	43	246169	46.218	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	409685	47.216	ug/l	100
20) Methylene Chloride	2.788	84	123625	43.905	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	118853	46.056	ug/l	93
22) Diisopropyl ether	3.764	45	403035	46.686	ug/l #	84
23) Vinyl Acetate	3.721	43	1572149	237.410	ug/l	96
24) 1,1-Dichloroethane	3.611	63	225416	46.572	ug/l	99
25) 2-Butanone	4.562	43	485053	236.132	ug/l	94
26) 2,2-Dichloropropane	4.477	77	215175	47.180	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	141735	46.242	ug/l	95
28) Bromochloromethane	4.904	49	109806	46.908	ug/l	95
29) Tetrahydrofuran	5.007	42	308137	232.669	ug/l	96
30) Chloroform	5.093	83	230455	46.539	ug/l	96
31) Cyclohexane	5.471	56	196260	46.457	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	207629	45.760	ug/l	98
36) 1,1-Dichloropropene	5.696	75	171458	47.281	ug/l	98
37) Ethyl Acetate	4.715	43	192967	47.014	ug/l	97
38) Carbon Tetrachloride	5.678	117	182376	47.305	ug/l	99
39) Methylcyclohexane	7.379	83	218325	48.418	ug/l	96
40) Benzene	6.038	78	493969	46.819	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105018	47.839	ug/l	95
42) 1,2-Dichloroethane	6.086	62	184422	47.809	ug/l	96
43) Isopropyl Acetate	6.342	43	329456	46.630	ug/l	97
44) Trichloroethene	7.129	130	130661	47.378	ug/l	99
45) 1,2-Dichloropropane	7.428	63	132760	47.129	ug/l	99
46) Dibromomethane	7.580	93	93026	47.186	ug/l	97
47) Bromodichloromethane	7.824	83	192263	47.510	ug/l	98
48) Methyl methacrylate	7.690	41	157009	47.785	ug/l	93
49) 1,4-Dioxane	7.696	88	60464	910.904	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	930797	238.062	ug/l	96
52) Toluene	8.720	92	315427	47.713	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	223061	48.769	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	231398	47.944	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	127662	45.939	ug/l	94
56) Ethyl methacrylate	9.116	69	218993	48.395	ug/l	96
57) 1,3-Dichloropropane	9.311	76	224015	48.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	535366	240.110	ug/l	99
59) 2-Hexanone	9.427	43	699872	241.186	ug/l	95
60) Dibromochloromethane	9.519	129	147314	48.230	ug/l	100
61) 1,2-Dibromoethane	9.610	107	137928	47.890	ug/l	99
64) Tetrachloroethene	9.275	164	112837	47.979	ug/l	97
65) Chlorobenzene	10.079	112	336194	48.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	130156	48.451	ug/l	99
67) Ethyl Benzene	10.195	91	611802	48.186	ug/l	99
68) m/p-Xylenes	10.299	106	462733	97.679	ug/l	98
69) o-Xylene	10.640	106	229694	48.575	ug/l	98
70) Styrene	10.653	104	381956	48.959	ug/l	99
71) Bromoform	10.799	173	107344	49.364	ug/l #	100
73) Isopropylbenzene	10.963	105	595967	48.269	ug/l	98
74) N-amyl acetate	10.842	43	277022	48.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	194698	46.688	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	169434m	48.284	ug/l	
77) Bromobenzene	11.195	156	137438	48.879	ug/l	98
78) n-propylbenzene	11.305	91	702547	49.201	ug/l	100
79) 2-Chlorotoluene	11.366	91	417077	48.202	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	505651	48.954	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76512	49.420	ug/l #	84
82) 4-Chlorotoluene	11.451	91	481059	48.795	ug/l	99
83) tert-Butylbenzene	11.713	119	491087	48.397	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	504847	48.873	ug/l	97
85) sec-Butylbenzene	11.890	105	626216	49.485	ug/l	99
86) p-Isopropyltoluene	12.006	119	529525	50.854	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	258275	49.594	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	257908	49.902	ug/l	99
89) n-Butylbenzene	12.329	91	476554	51.126	ug/l	99
90) Hexachloroethane	12.536	117	103069	48.826	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	245180	48.787	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44514	45.936	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	152783	49.345	ug/l	98
94) Hexachlorobutadiene	13.725	225	63362	49.466	ug/l	98
95) Naphthalene	13.774	128	529897	49.112	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	150649	49.367	ug/l	98

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

