

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038640.D
 Acq On : 07 Nov 2023 18:25
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110723

Quant Time: Nov 08 03:22:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	339879	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	519009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	288189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	200063	47.281	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.560%		
35) Dibromofluoromethane	5.385	113	180602	48.314	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	8.653	98	648058	48.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.900%		
62) 4-Bromofluorobenzene	11.079	95	256906	49.537	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	178864	50.676	ug/l	97
3) Chloromethane	1.301	50	136630	44.786	ug/l	99
4) Vinyl Chloride	1.374	62	154370	47.532	ug/l	97
5) Bromomethane	1.599	94	128367	51.209	ug/l	96
6) Chloroethane	1.685	64	95892	46.632	ug/l	99
7) Trichlorofluoromethane	1.886	101	271353	48.463	ug/l	100
8) Diethyl Ether	2.136	74	90950	47.318	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.331	101	160913	48.605	ug/l	90
10) Methyl Iodide	2.453	142	222324	54.375	ug/l	92
11) Tert butyl alcohol	2.959	59	189403	218.962	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	152433	48.057	ug/l	# 80
13) Acrolein	2.233	56	150703	229.868	ug/l	99
14) Allyl chloride	2.666	41	215399	47.411	ug/l	# 95
15) Acrylonitrile	3.062	53	450141	246.583	ug/l	99
16) Acetone	2.380	43	411012	230.641	ug/l	90
17) Carbon Disulfide	2.514	76	398484	47.280	ug/l	98
18) Methyl Acetate	2.703	43	372474	49.060	ug/l	# 87
19) Methyl tert-butyl Ether	3.111	73	493274	48.630	ug/l	95
20) Methylene Chloride	2.788	84	167791	46.708	ug/l	# 82
21) trans-1,2-Dichloroethene	3.093	96	166790	48.300	ug/l	82
22) Diisopropyl ether	3.764	45	415759	48.555	ug/l	# 82
23) Vinyl Acetate	3.721	43	1518933	249.922	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	267733	47.261	ug/l	97
25) 2-Butanone	4.550	43	625011	242.110	ug/l	# 88
26) 2,2-Dichloropropane	4.477	77	231789	46.861	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	191817	48.103	ug/l	85
28) Bromochloromethane	4.897	49	128502	50.474	ug/l	# 57
29) Tetrahydrofuran	5.001	42	396587	246.918	ug/l	# 82
30) Chloroform	5.093	83	310655	46.737	ug/l	96
31) Cyclohexane	5.471	56	223761	47.781	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	281478	48.120	ug/l	95
36) 1,1-Dichloropropene	5.696	75	220899	47.573	ug/l	94
37) Ethyl Acetate	4.715	43	235833	49.745	ug/l	# 95
38) Carbon Tetrachloride	5.678	117	254973	49.119	ug/l	98
39) Methylcyclohexane	7.379	83	281744	48.531	ug/l	90
40) Benzene	6.038	78	635478	47.515	ug/l	99

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41) Methacrylonitrile	4.916	41	120951	50.078	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	234235	48.539	ug/l	96
43) Isopropyl Acetate	6.336	43	357062	48.990	ug/l #	92
44) Trichloroethene	7.129	130	200160	48.101	ug/l	89
45) 1,2-Dichloropropane	7.428	63	155900	48.220	ug/l	99
46) Dibromomethane	7.580	93	130922	48.421	ug/l #	87
47) Bromodichloromethane	7.824	83	241119	47.418	ug/l	96
48) Methyl methacrylate	7.690	41	174884	49.789	ug/l #	84
49) 1,4-Dioxane	7.659	88	73679	921.422	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	1176264	247.702	ug/l	92
52) Toluene	8.720	92	426578	48.689	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	259747	50.174	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	268418	49.115	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	181500	48.824	ug/l	97
56) Ethyl methacrylate	9.116	69	263727	50.706	ug/l	88
57) 1,3-Dichloropropane	9.305	76	280102	48.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	646967	252.998	ug/l	90
59) 2-Hexanone	9.427	43	951210	247.559	ug/l	91
60) Dibromochloromethane	9.519	129	206978	49.599	ug/l	99
61) 1,2-Dibromoethane	9.610	107	206926	49.529	ug/l	100
64) Tetrachloroethene	9.275	164	177180	47.214	ug/l	95
65) Chlorobenzene	10.079	112	490857	48.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	190903	49.759	ug/l	99
67) Ethyl Benzene	10.195	91	838597	48.577	ug/l	97
68) m/p-Xylenes	10.299	106	667153	97.373	ug/l	95
69) o-Xylene	10.640	106	325873	48.909	ug/l	95
70) Styrene	10.653	104	544976	49.559	ug/l	95
71) Bromoform	10.799	173	168622	49.795	ug/l #	99
73) Isopropylbenzene	10.963	105	863605	48.846	ug/l	97
74) N-amyl acetate	10.842	43	305707	49.764	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	291248	47.650	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	273465m	47.913	ug/l	
77) Bromobenzene	11.195	156	232755	47.968	ug/l	81
78) n-propylbenzene	11.305	91	993341	48.281	ug/l	96
79) 2-Chlorotoluene	11.366	91	586775	47.637	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	742772	48.814	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	88235	48.518	ug/l	85
82) 4-Chlorotoluene	11.457	91	696570	48.406	ug/l	93
83) tert-Butylbenzene	11.713	119	760750	49.340	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	742518	49.199	ug/l	96
85) sec-Butylbenzene	11.890	105	929067	48.290	ug/l	96
86) p-Isopropyltoluene	12.012	119	803150	49.004	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	437130	47.119	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	443361	46.496	ug/l	97
89) n-Butylbenzene	12.335	91	705118	48.347	ug/l	96
90) Hexachloroethane	12.536	117	136260	49.083	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	427844	47.223	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	74184	48.290	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	311968	48.142	ug/l	96
94) Hexachlorobutadiene	13.725	225	131009	46.852	ug/l	98
95) Naphthalene	13.774	128	964012	49.317	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	303660	47.542	ug/l	97

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

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