

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036182.D
 Acq On : 16 Jun 2023 14:00
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 16 14:55:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	323887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	301994	89.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 178.440%#			
35) Dibromofluoromethane	5.385	113	203221	92.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 185.060%#			
50) Toluene-d8	8.647	98	740122	92.124	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 184.240%#			
62) 4-Bromofluorobenzene	11.079	95	314610	97.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 194.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	226761	99.744	ug/l	100
3) Chloromethane	1.294	50	227732	94.677	ug/l	97
4) Vinyl Chloride	1.374	62	228630	99.775	ug/l	100
5) Bromomethane	1.618	94	136954	97.229	ug/l	97
6) Chloroethane	1.685	64	143932	97.076	ug/l	99
7) Trichlorofluoromethane	1.886	101	372053	100.329	ug/l	99
8) Diethyl Ether	2.130	74	129413	93.759	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	211550	100.034	ug/l	98
10) Methyl Iodide	2.453	142	222375	101.982	ug/l	100
11) Tert butyl alcohol	2.995	59	252574	487.952	ug/l	98
12) 1,1-Dichloroethene	2.319	96	197357	98.691	ug/l	97
13) Acrolein	2.239	56	266960	464.571	ug/l	100
14) Allyl chloride	2.660	41	407895	100.807	ug/l	97
15) Acrylonitrile	3.069	53	633784	478.797	ug/l	99
16) Acetone	2.392	43	612636	483.685	ug/l	99
17) Carbon Disulfide	2.514	76	518265	104.850	ug/l	98
18) Methyl Acetate	2.703	43	510884	95.791	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	751912	96.049	ug/l	99
20) Methylene Chloride	2.788	84	223506	87.725	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	214063	96.344	ug/l	94
22) Diisopropyl ether	3.757	45	782247	97.150	ug/l	95
23) Vinyl Acetate	3.721	43	2923759	512.335	ug/l	100
24) 1,1-Dichloroethane	3.611	63	427548	96.105	ug/l	100
25) 2-Butanone	4.562	43	937957	476.496	ug/l	99
26) 2,2-Dichloropropane	4.477	77	368040	106.384	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	247702	97.493	ug/l	96
28) Bromochloromethane	4.898	49	224448	96.782	ug/l	97
29) Tetrahydrofuran	5.007	42	607904	486.234	ug/l	98
30) Chloroform	5.093	83	447156	95.438	ug/l	99
31) Cyclohexane	5.471	56	373793	102.945	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	406805	102.412	ug/l	99
36) 1,1-Dichloropropene	5.690	75	328053	101.398	ug/l	99
37) Ethyl Acetate	4.715	43	371128	98.459	ug/l	99
38) Carbon Tetrachloride	5.678	117	338905	107.757	ug/l	97
39) Methylcyclohexane	7.379	83	377865	108.445	ug/l	95
40) Benzene	6.038	78	902723	99.221	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	213972	102.962	ug/l	98
42) 1,2-Dichloroethane	6.086	62	404927	98.795	ug/l	99
43) Isopropyl Acetate	6.342	43	610216	105.782	ug/l	99
44) Trichloroethene	7.123	130	224172	98.601	ug/l	91
45) 1,2-Dichloropropane	7.434	63	237898	98.354	ug/l	98
46) Dibromomethane	7.580	93	170462	98.927	ug/l	98
47) Bromodichloromethane	7.824	83	349236	105.572	ug/l	97
48) Methyl methacrylate	7.690	41	312197	105.486	ug/l	98
49) 1,4-Dioxane	7.708	88	101451	2047.349	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	1849362	507.725	ug/l	99
52) Toluene	8.720	92	572651	100.532	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	389525	97.479	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	402183	97.062	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	234171	99.581	ug/l	95
56) Ethyl methacrylate	9.116	69	391177	96.361	ug/l	94
57) 1,3-Dichloropropane	9.305	76	412727	98.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1005521	513.566	ug/l	98
59) 2-Hexanone	9.433	43	1386293	511.934	ug/l	98
60) Dibromochloromethane	9.519	129	248873	108.430	ug/l	100
61) 1,2-Dibromoethane	9.610	107	251440	102.549	ug/l	100
64) Tetrachloroethene	9.275	164	186080	98.588	ug/l	99
65) Chlorobenzene	10.079	112	604664	96.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	225777	104.077	ug/l	99
67) Ethyl Benzene	10.195	91	1146104	102.086	ug/l	99
68) m/p-Xylenes	10.299	106	855929	202.074	ug/l	98
69) o-Xylene	10.640	106	420986	100.738	ug/l	96
70) Styrene	10.653	104	719611	103.344	ug/l	97
71) Bromoform	10.799	173	167560	96.143	ug/l #	99
73) Isopropylbenzene	10.963	105	1125083	103.835	ug/l	99
74) N-amyl acetate	10.842	43	528884	108.016	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	358711	96.685	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	356787m	98.324	ug/l	
77) Bromobenzene	11.195	156	253810	99.980	ug/l	94
78) n-propylbenzene	11.305	91	1365452	107.123	ug/l	99
79) 2-Chlorotoluene	11.366	91	832798	103.875	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	983200	106.564	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	114636	96.646	ug/l	96
82) 4-Chlorotoluene	11.451	91	972025	104.056	ug/l	98
83) tert-Butylbenzene	11.713	119	946735	107.936	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	983831	106.905	ug/l	99
85) sec-Butylbenzene	11.890	105	1205070	110.338	ug/l	100
86) p-Isopropyltoluene	12.012	119	1017827	110.769	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	479660	99.077	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	485269	99.353	ug/l	99
89) n-Butylbenzene	12.335	91	934606	113.971	ug/l	99
90) Hexachloroethane	12.536	117	171218	102.897	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	454246	95.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	89204	109.008	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	281835	104.637	ug/l	99
94) Hexachlorobutadiene	13.725	225	108950	102.322	ug/l	98
95) Naphthalene	13.774	128	1001525	107.799	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	280691	103.922	ug/l	99

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

