

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034556.D
 Acq On : 16 Mar 2023 19:20
 Operator : JC/MD
 Sample : 01903-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230310MSD

Quant Time: Mar 17 06:31:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	257957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181312	48.314	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.620%		
35) Dibromofluoromethane	5.385	113	135032	46.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	8.647	98	497828	46.234	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.460%		
62) 4-Bromofluorobenzene	11.079	95	204001	46.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113517	47.204	ug/l	100
3) Chloromethane	1.307	50	158590	43.361	ug/l	98
4) Vinyl Chloride	1.374	62	151421	46.243	ug/l	100
5) Bromomethane	1.599	94	78059	47.247	ug/l	94
6) Chloroethane	1.679	64	88314	46.842	ug/l	97
7) Trichlorofluoromethane	1.880	101	245957	49.989	ug/l	99
8) Diethyl Ether	2.130	74	91963	51.201	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	144292	50.322	ug/l	99
10) Methyl Iodide	2.447	142	186376	49.507	ug/l	96
11) Tert butyl alcohol	2.965	59	223177	285.581	ug/l	99
12) 1,1-Dichloroethene	2.313	96	133195	47.166	ug/l	96
13) Acrolein	2.233	56	191289	309.415	ug/l	99
14) Allyl chloride	2.660	41	263402	46.008	ug/l	97
15) Acrylonitrile	3.062	53	441637	261.611	ug/l	98
16) Acetone	2.380	43	399557	226.028	ug/l	99
17) Carbon Disulfide	2.508	76	314830	39.616	ug/l	100
18) Methyl Acetate	2.703	43	282174	48.852	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	507443	50.187	ug/l	98
20) Methylene Chloride	2.788	84	155629	45.362	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	142512	47.519	ug/l	96
22) Diisopropyl ether	3.757	45	537598	49.250	ug/l	97
23) Vinyl Acetate	3.721	43	1994309	240.062	ug/l	99
24) 1,1-Dichloroethane	3.605	63	289535	49.344	ug/l	98
25) 2-Butanone	4.556	43	652528	257.979	ug/l	100
26) 2,2-Dichloropropane	4.477	77	211618	41.490	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	175033	48.482	ug/l	100
28) Bromochloromethane	4.897	49	118036	43.264	ug/l	99
29) Tetrahydrofuran	5.001	42	418757	268.300	ug/l	100
30) Chloroform	5.093	83	298682	51.929	ug/l	95
31) Cyclohexane	5.471	56	246507	46.837	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	255537	50.186	ug/l	98
36) 1,1-Dichloropropene	5.690	75	211994	47.852	ug/l	99
37) Ethyl Acetate	4.715	43	233447	48.234	ug/l	98
38) Carbon Tetrachloride	5.678	117	217214	49.285	ug/l	100
39) Methylcyclohexane	7.379	83	241374	45.527	ug/l	95
40) Benzene	6.037	78	618304	47.708	ug/l	98

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41) Methacrylonitrile	4.916	41	138943	52.383	ug/l	98
42) 1,2-Dichloroethane	6.086	62	251581	52.819	ug/l	98
43) Isopropyl Acetate	6.336	43	409066	49.891	ug/l	100
44) Trichloroethene	7.123	130	1425875	423.437	ug/l	96
45) 1,2-Dichloropropane	7.427	63	166311	49.147	ug/l	97
46) Dibromomethane	7.580	93	113084	49.154	ug/l	99
47) Bromodichloromethane	7.818	83	228415	51.300	ug/l	99
48) Methyl methacrylate	7.690	41	205832	52.197	ug/l	97
49) 1,4-Dioxane	7.659	88	100807	1217.102	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1290530	271.325	ug/l	99
52) Toluene	8.720	92	391914	48.844	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	245150	48.872	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	257661	47.477	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	165230	51.888	ug/l	99
56) Ethyl methacrylate	9.116	69	268496	51.354	ug/l	97
57) 1,3-Dichloropropane	9.305	76	284331	50.240	ug/l	100
59) 2-Hexanone	9.427	43	999628	271.876	ug/l	99
60) Dibromochloromethane	9.519	129	169984	50.898	ug/l	99
61) 1,2-Dibromoethane	9.610	107	172792	50.285	ug/l	99
64) Tetrachloroethene	9.275	164	129300	48.132	ug/l	97
65) Chlorobenzene	10.079	112	420143	47.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	157011	49.131	ug/l	99
67) Ethyl Benzene	10.195	91	767233	48.843	ug/l	98
68) m/p-Xylenes	10.299	106	580160	96.145	ug/l	98
69) o-Xylene	10.640	106	290388	47.954	ug/l	98
70) Styrene	10.653	104	488006	49.949	ug/l	99
71) Bromoform	10.799	173	118171	48.038	ug/l	100
73) Isopropylbenzene	10.963	105	757372	47.477	ug/l	99
74) N-amyl acetate	10.842	43	368184	48.187	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	267182	50.191	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	222089m	46.862	ug/l	
77) Bromobenzene	11.195	156	183457	47.933	ug/l	99
78) n-propylbenzene	11.305	91	899355	48.816	ug/l	100
79) 2-Chlorotoluene	11.366	91	552912	48.594	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	654860	48.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	77134	44.030	ug/l	93
82) 4-Chlorotoluene	11.451	91	641100	48.917	ug/l	99
83) tert-Butylbenzene	11.713	119	665484	49.329	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	660557	48.305	ug/l	99
85) sec-Butylbenzene	11.890	105	799921	48.501	ug/l	99
86) p-Isopropyltoluene	12.012	119	667133	48.129	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	350775	46.776	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	352441	46.480	ug/l	99
89) n-Butylbenzene	12.335	91	591782	48.024	ug/l	98
90) Hexachloroethane	12.536	117	119905	46.749	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	351806	48.544	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67080	55.464	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	220447	48.642	ug/l	98
94) Hexachlorobutadiene	13.725	225	91497	50.114	ug/l	98
95) Naphthalene	13.774	128	801222	52.721	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	228664	51.616	ug/l	98

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

