

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031023\
 Data File : VX034413.D
 Acq On : 10 Mar 2023 13:00
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Mar 11 03:05:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 11 03:01:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	344364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	568027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	504476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	245503	49.005	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.000%			
35) Dibromofluoromethane	5.379	113	187806	50.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.160%			
50) Toluene-d8	8.647	98	701231	50.086	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.079	95	282933	50.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	159697	51.715	ug/l	97
3) Chloromethane	1.307	50	237085	44.899	ug/l	100
4) Vinyl Chloride	1.374	62	197303	45.732	ug/l	98
5) Bromomethane	1.599	94	123196	54.631	ug/l	98
6) Chloroethane	1.679	64	138509	54.631	ug/l	98
7) Trichlorofluoromethane	1.886	101	311379	47.808	ug/l	99
8) Diethyl Ether	2.130	74	107945	45.495	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	187977	48.972	ug/l	99
10) Methyl Iodide	2.447	142	181539	36.123	ug/l	99
11) Tert butyl alcohol	2.953	59	254540	243.987	ug/l	100
12) 1,1-Dichloroethene	2.319	96	179561	47.762	ug/l	99
13) Acrolein	2.233	56	185934	208.931	ug/l	99
14) Allyl chloride	2.660	41	363506	47.646	ug/l	98
15) Acrylonitrile	3.056	53	546867	238.131	ug/l	99
16) Acetone	2.374	43	605285	259.417	ug/l	100
17) Carbon Disulfide	2.508	76	499231	43.940	ug/l	99
18) Methyl Acetate	2.697	43	368327	46.647	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	652974	47.718	ug/l	99
20) Methylene Chloride	2.782	84	206929	44.203	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	196713	46.745	ug/l	99
22) Diisopropyl ether	3.751	45	699738	47.821	ug/l	98
23) Vinyl Acetate	3.715	43	2731112	246.460	ug/l	99
24) 1,1-Dichloroethane	3.605	63	376451	48.045	ug/l	99
25) 2-Butanone	4.544	43	848877	247.459	ug/l	98
26) 2,2-Dichloropropane	4.471	77	341068	50.051	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	229148	46.296	ug/l	98
28) Bromochloromethane	4.891	49	177635	48.036	ug/l	99
29) Tetrahydrofuran	4.995	42	508687	240.059	ug/l	100
30) Chloroform	5.087	83	379694	48.188	ug/l	100
31) Cyclohexane	5.465	56	342399	48.733	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	337688	49.855	ug/l	99
36) 1,1-Dichloropropene	5.684	75	284643	49.680	ug/l	99
37) Ethyl Acetate	4.702	43	315470	49.395	ug/l	99
38) Carbon Tetrachloride	5.672	117	290418	51.318	ug/l	99
39) Methylcyclohexane	7.379	83	352083	51.618	ug/l	96
40) Benzene	6.032	78	816206	48.648	ug/l	99

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41) Methacrylonitrile	4.910	41	175808	51.036	ug/l	98
42) 1,2-Dichloroethane	6.080	62	313195	50.451	ug/l	99
43) Isopropyl Acetate	6.330	43	530120	49.515	ug/l	99
44) Trichloroethene	7.123	130	211585	48.783	ug/l	99
45) 1,2-Dichloropropane	7.428	63	215623	49.064	ug/l	98
46) Dibromomethane	7.574	93	145067	48.118	ug/l	99
47) Bromodichloromethane	7.818	83	297473	51.033	ug/l	99
48) Methyl methacrylate	7.690	41	258328	50.211	ug/l	99
49) 1,4-Dioxane	7.653	88	110119	1021.937	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1544160	248.294	ug/l	100
52) Toluene	8.714	92	511808	48.947	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	341866	52.299	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	360098	51.045	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	207387	49.423	ug/l	99
56) Ethyl methacrylate	9.110	69	341231	50.423	ug/l	99
57) 1,3-Dichloropropane	9.305	76	359037	49.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	861322	250.268	ug/l	100
59) 2-Hexanone	9.427	43	1211948	254.969	ug/l	99
60) Dibromochloromethane	9.519	129	222231	50.798	ug/l	100
61) 1,2-Dibromoethane	9.610	107	219607	48.864	ug/l	99
64) Tetrachloroethene	9.269	164	171860	49.484	ug/l	97
65) Chlorobenzene	10.073	112	543495	48.972	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	204943	51.138	ug/l	99
67) Ethyl Benzene	10.189	91	996882	50.691	ug/l	98
68) m/p-Xylenes	10.299	106	754550	99.171	ug/l	100
69) o-Xylene	10.640	106	375937	50.390	ug/l	100
70) Styrene	10.653	104	626932	50.800	ug/l	99
71) Bromoform	10.799	173	161041	52.327	ug/l	99
73) Isopropylbenzene	10.957	105	982983	49.558	ug/l	99
74) N-amyl acetate	10.842	43	480649	50.363	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	323583	48.451	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	276886m	43.880	ug/l	
77) Bromobenzene	11.195	156	238397	49.003	ug/l	99
78) n-propylbenzene	11.305	91	1186733	50.674	ug/l	100
79) 2-Chlorotoluene	11.366	91	706645	48.828	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	844630	50.025	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	111246	50.626	ug/l	99
82) 4-Chlorotoluene	11.451	91	835663	50.108	ug/l	100
83) tert-Butylbenzene	11.713	119	836793	49.854	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	853200	50.000	ug/l	99
85) sec-Butylbenzene	11.890	105	1057192	51.728	ug/l	100
86) p-Isopropyltoluene	12.006	119	897579	52.100	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	459502	48.443	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	462900	47.815	ug/l	100
89) n-Butylbenzene	12.329	91	819575	53.066	ug/l	99
90) Hexachloroethane	12.536	117	168259	53.223	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	446188	48.531	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	77793	51.971	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	293246	49.801	ug/l	99
94) Hexachlorobutadiene	13.725	225	122628	52.670	ug/l	98
95) Naphthalene	13.774	128	956862	49.756	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	283608	49.690	ug/l	99

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

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