

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034711.D
 Acq On : 24 Mar 2023 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 27 01:26:04 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 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	330958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	546543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	240403	49.930	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.860%		
35) Dibromofluoromethane	5.385	113	183175	50.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.520%		
50) Toluene-d8	8.647	98	643432	47.765	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.520%		
62) 4-Bromofluorobenzene	11.079	95	264217	48.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	186101	60.317	ug/l	98
3) Chloromethane	1.294	50	211935	45.221	ug/l	99
4) Vinyl Chloride	1.374	62	210028	49.993	ug/l	98
5) Bromomethane	1.617	94	130591	61.609	ug/l	99
6) Chloroethane	1.691	64	119207	49.282	ug/l	98
7) Trichlorofluoromethane	1.886	101	297362	47.106	ug/l	99
8) Diethyl Ether	2.130	74	116905	50.731	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	177691	48.301	ug/l	99
10) Methyl Iodide	2.453	142	226611	46.918	ug/l	92
11) Tert butyl alcohol	3.001	59	206772m	206.228	ug/l	
12) 1,1-Dichloroethene	2.319	96	167455	46.219	ug/l	93
13) Acrolein	2.239	56	165514	208.670	ug/l	99
14) Allyl chloride	2.666	41	334163	45.493	ug/l	96
15) Acrylonitrile	3.062	53	485751	224.274	ug/l	99
16) Acetone	2.392	43	455314	200.756	ug/l	96
17) Carbon Disulfide	2.514	76	410536	40.264	ug/l	99
18) Methyl Acetate	2.703	43	363376	49.034	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	640584	49.380	ug/l	97
20) Methylene Chloride	2.788	84	194374	44.159	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	184495	47.949	ug/l	93
22) Diisopropyl ether	3.757	45	667329	47.650	ug/l	92
23) Vinyl Acetate	3.715	43	2461455	230.939	ug/l	99
24) 1,1-Dichloroethane	3.605	63	360678	47.910	ug/l	98
25) 2-Butanone	4.556	43	703537	216.794	ug/l	100
26) 2,2-Dichloropropane	4.471	77	313449	47.900	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	217882	47.039	ug/l	98
28) Bromochloromethane	4.897	49	162366	46.385	ug/l	97
29) Tetrahydrofuran	5.001	42	451779	225.611	ug/l	99
30) Chloroform	5.086	83	374389	50.734	ug/l	99
31) Cyclohexane	5.470	56	315433	46.714	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	332325	50.870	ug/l	99
36) 1,1-Dichloropropene	5.690	75	275257	49.663	ug/l	98
37) Ethyl Acetate	4.708	43	278460	45.989	ug/l	99
38) Carbon Tetrachloride	5.678	117	284014	51.510	ug/l	99
39) Methylcyclohexane	7.379	83	316521	47.720	ug/l	95
40) Benzene	6.037	78	778137	47.992	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	161766	48.749	ug/l	98
42) 1,2-Dichloroethane	6.080	62	316744	53.155	ug/l	99
43) Isopropyl Acetate	6.330	43	481334	46.925	ug/l	100
44) Trichloroethene	7.123	130	204718	48.595	ug/l	99
45) 1,2-Dichloropropane	7.427	63	203785	48.136	ug/l	99
46) Dibromomethane	7.580	93	138920	48.267	ug/l	99
47) Bromodichloromethane	7.818	83	277540	49.824	ug/l	99
48) Methyl methacrylate	7.690	41	240837	48.818	ug/l	98
49) 1,4-Dioxane	7.708	88	87030	839.903	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1395238	234.473	ug/l	100
52) Toluene	8.714	92	498331	49.644	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	313489	49.954	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	333578	49.131	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	195654	49.113	ug/l	98
56) Ethyl methacrylate	9.116	69	320039	48.929	ug/l	99
57) 1,3-Dichloropropane	9.305	76	343717	48.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	717649	212.895	ug/l	98
59) 2-Hexanone	9.427	43	1058389	230.092	ug/l	100
60) Dibromochloromethane	9.518	129	209496	50.141	ug/l	99
61) 1,2-Dibromoethane	9.610	107	209314	48.690	ug/l	98
64) Tetrachloroethene	9.269	164	175996	53.112	ug/l	96
65) Chlorobenzene	10.079	112	524943	48.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	197543	50.113	ug/l	98
67) Ethyl Benzene	10.195	91	970408	50.082	ug/l	98
68) m/p-Xylenes	10.299	106	738600	99.231	ug/l	99
69) o-Xylene	10.640	106	363812	48.706	ug/l	100
70) Styrene	10.652	104	607052	50.372	ug/l	99
71) Bromoform	10.799	173	141109	46.503	ug/l	100
73) Isopropylbenzene	10.963	105	955917	49.609	ug/l	99
74) N-amyl acetate	10.841	43	423826	45.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	293335	45.620	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	251096m	43.863	ug/l	
77) Bromobenzene	11.195	156	221413	47.893	ug/l	99
78) n-propylbenzene	11.305	91	1114747	50.093	ug/l	100
79) 2-Chlorotoluene	11.366	91	678029	49.334	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	816062	50.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	89189	42.149	ug/l	94
82) 4-Chlorotoluene	11.451	91	791236	49.981	ug/l	99
83) tert-Butylbenzene	11.713	119	786229	48.248	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	814931	49.337	ug/l	99
85) sec-Butylbenzene	11.890	105	968065	48.593	ug/l	100
86) p-Isopropyltoluene	12.006	119	826490	49.363	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	431640	47.652	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	431234	47.083	ug/l	99
89) n-Butylbenzene	12.329	91	717136	48.180	ug/l	100
90) Hexachloroethane	12.536	117	139018	44.872	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	425241	48.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	66523	45.536	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	268474	49.044	ug/l	98
94) Hexachlorobutadiene	13.725	225	108052	48.995	ug/l	99
95) Naphthalene	13.774	128	880306	47.955	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	259416	48.480	ug/l	99

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

