

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037201.D
 Acq On : 24 Aug 2023 08:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 24 23:35:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	167481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	277975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	260555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120144	49.759	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.379	113	97745	53.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.180%		
50) Toluene-d8	8.647	98	353014	52.863	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.720%		
62) 4-Bromofluorobenzene	11.079	95	148558	56.608	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	103076	52.982	ug/l	99
3) Chloromethane	1.301	50	91229	53.600	ug/l	99
4) Vinyl Chloride	1.374	62	93146	50.277	ug/l	98
5) Bromomethane	1.599	94	45099	48.870	ug/l	96
6) Chloroethane	1.679	64	55609	51.008	ug/l	96
7) Trichlorofluoromethane	1.880	101	160922	53.026	ug/l	99
8) Diethyl Ether	2.130	74	58090	49.475	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	90559	51.151	ug/l	97
10) Methyl Iodide	2.447	142	114237	53.090	ug/l	96
11) Tert butyl alcohol	2.965	59	119382	210.775	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	83808	48.611	ug/l	85
13) Acrolein	2.233	56	86828	201.513	ug/l	98
14) Allyl chloride	2.660	41	132354	49.598	ug/l #	93
15) Acrylonitrile	3.062	53	233730	231.200	ug/l	100
16) Acetone	2.374	43	271621	287.554	ug/l	92
17) Carbon Disulfide	2.508	76	194612	44.378	ug/l	99
18) Methyl Acetate	2.697	43	158319	44.515	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	321170	49.119	ug/l	96
20) Methylene Chloride	2.788	84	99208	46.965	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	92253	47.072	ug/l	91
22) Diisopropyl ether	3.757	45	272879	49.833	ug/l #	87
23) Vinyl Acetate	3.715	43	1036926	247.108	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	169444	49.345	ug/l	97
25) 2-Butanone	4.550	43	346391	243.548	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	164371	53.599	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	112596	48.733	ug/l	90
28) Bromochloromethane	4.891	49	82870	54.023	ug/l #	76
29) Tetrahydrofuran	4.995	42	197966	218.259	ug/l #	84
30) Chloroform	5.086	83	189764	49.229	ug/l	96
31) Cyclohexane	5.464	56	135460	49.894	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	172834	50.034	ug/l	97
36) 1,1-Dichloropropene	5.690	75	131634	50.328	ug/l	97
37) Ethyl Acetate	4.708	43	124474	46.589	ug/l #	94
38) Carbon Tetrachloride	5.672	117	151694	53.391	ug/l	99
39) Methylcyclohexane	7.379	83	162634	59.183	ug/l	89
40) Benzene	6.031	78	382334	50.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67186	48.373	ug/l #	88
42) 1,2-Dichloroethane	6.080	62	149085	50.680	ug/l	96
43) Isopropyl Acetate	6.336	43	210570	49.642	ug/l #	92
44) Trichloroethene	7.123	130	104541	49.149	ug/l	98
45) 1,2-Dichloropropane	7.427	63	96893	52.386	ug/l	97
46) Dibromomethane	7.580	93	74703	51.269	ug/l	94
47) Bromodichloromethane	7.818	83	150022	53.755	ug/l	98
48) Methyl methacrylate	7.690	41	102532	49.566	ug/l #	87
49) 1,4-Dioxane	7.653	88	55414	994.665	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	633208	245.839	ug/l	91
52) Toluene	8.714	92	253870	51.222	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	166583	56.059	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	173666	54.081	ug/l #	87
55) 1,1,2-Trichloroethane	9.147	97	107117	53.076	ug/l	98
56) Ethyl methacrylate	9.116	69	165973	52.504	ug/l	88
57) 1,3-Dichloropropane	9.305	76	176320	51.826	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	364855	240.507	ug/l	92
59) 2-Hexanone	9.427	43	514196	261.823	ug/l	89
60) Dibromochloromethane	9.519	129	120031	55.861	ug/l	99
61) 1,2-Dibromoethane	9.604	107	114921	52.009	ug/l	100
64) Tetrachloroethene	9.275	164	84502	44.457	ug/l	98
65) Chlorobenzene	10.079	112	282350	51.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	109305	53.779	ug/l	99
67) Ethyl Benzene	10.189	91	501976	51.803	ug/l	100
68) m/p-Xylenes	10.299	106	392784	104.964	ug/l	98
69) o-Xylene	10.640	106	194977	52.811	ug/l	99
70) Styrene	10.653	104	328291	53.981	ug/l	98
71) Bromoform	10.799	173	86543	56.924	ug/l #	99
73) Isopropylbenzene	10.963	105	516636	49.901	ug/l	99
74) N-amyl acetate	10.842	43	196779	48.916	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	168242	48.253	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	143089m	47.170	ug/l	
77) Bromobenzene	11.195	156	123900	49.001	ug/l	93
78) n-propylbenzene	11.305	91	598053	51.877	ug/l	99
79) 2-Chlorotoluene	11.360	91	364217	49.438	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	449139	52.006	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55108	50.740	ug/l	87
82) 4-Chlorotoluene	11.451	91	428257	50.359	ug/l	98
83) tert-Butylbenzene	11.713	119	457634	55.562	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	456757	52.331	ug/l	96
85) sec-Butylbenzene	11.890	105	561879	58.404	ug/l	99
86) p-Isopropyltoluene	12.006	119	481254	58.110	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	242974	51.326	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	245739	50.244	ug/l	99
89) n-Butylbenzene	12.329	91	417814	60.850	ug/l	99
90) Hexachloroethane	12.536	117	88998	64.384	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	242854	52.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39506	48.764	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	151583	55.886	ug/l	98
94) Hexachlorobutadiene	13.725	225	66202	63.180	ug/l	99
95) Naphthalene	13.774	128	507510	42.716	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148769	55.207	ug/l	99

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

