

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033880.D
 Acq On : 25 Jan 2023 10:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 26 05:54:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/26/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	170994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	214288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78574	43.642	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.280%		
35) Dibromofluoromethane	5.379	113	73511	49.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.880%		
50) Toluene-d8	8.647	98	265484	49.500	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	101078	50.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	63181	46.756	ug/l	98
3) Chloromethane	1.295	50	72397	48.504	ug/l	99
4) Vinyl Chloride	1.374	62	72425	49.999	ug/l	98
5) Bromomethane	1.618	94	46511	55.884	ug/l	99
6) Chloroethane	1.691	64	37446	41.814	ug/l	100
7) Trichlorofluoromethane	1.886	101	114662	48.811	ug/l	98
8) Diethyl Ether	2.130	74	45581	59.260	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	72159	53.255	ug/l	95
10) Methyl Iodide	2.453	142	95930	50.508	ug/l	92
11) Tert butyl alcohol	3.008	59	66896m	213.886	ug/l	
12) 1,1-Dichloroethene	2.319	96	66794	48.007	ug/l	91
13) Acrolein	2.239	56	94243	326.579	ug/l	99
14) Allyl chloride	2.660	41	119280	45.453	ug/l	88
15) Acrylonitrile	3.063	53	192810	234.240	ug/l	99
16) Acetone	2.392	43	184902	284.295	ug/l	91
17) Carbon Disulfide	2.514	76	153555	43.842	ug/l	99
18) Methyl Acetate	2.703	43	115516	45.974	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	234373	48.501	ug/l	99
20) Methylene Chloride	2.788	84	76099	48.538	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	73141	44.968	ug/l	98
22) Diisopropyl ether	3.751	45	242604	45.949	ug/l	97
23) Vinyl Acetate	3.715	43	919537	231.348	ug/l	99
24) 1,1-Dichloroethane	3.605	63	132054	45.714	ug/l	98
25) 2-Butanone	4.556	43	261877	222.616	ug/l	95
26) 2,2-Dichloropropane	4.471	77	96759	46.762	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	87650	46.872	ug/l	97
28) Bromochloromethane	4.891	49	58155	44.196	ug/l	92
29) Tetrahydrofuran	5.001	42	163197	220.115	ug/l	98
30) Chloroform	5.087	83	136574	46.161	ug/l	97
31) Cyclohexane	5.465	56	117783	44.458	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	117406	46.477	ug/l	99
36) 1,1-Dichloropropene	5.690	75	99510	46.320	ug/l	98
37) Ethyl Acetate	4.709	43	100094	48.758	ug/l	99
38) Carbon Tetrachloride	5.672	117	107396	48.267	ug/l	98
39) Methylcyclohexane	7.379	83	126122	47.539	ug/l	95
40) Benzene	6.031	78	299701	47.861	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59088	49.911	ug/l	97
42) 1,2-Dichloroethane	6.080	62	102286	46.093	ug/l	99
43) Isopropyl Acetate	6.336	43	160857	47.429	ug/l	98
44) Trichloroethene	7.123	130	89360	51.032	ug/l	98
45) 1,2-Dichloropropane	7.428	63	77449	49.374	ug/l	99
46) Dibromomethane	7.580	93	54103	49.379	ug/l	96
47) Bromodichloromethane	7.818	83	105932	50.168	ug/l	96
48) Methyl methacrylate	7.690	41	82982	48.572	ug/l	97
49) 1,4-Dioxane	7.714	88	31969	845.954	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	506583	243.210	ug/l	99
52) Toluene	8.714	92	198968	49.203	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	111141	52.631	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	123772	52.309	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	80516	50.301	ug/l	98
56) Ethyl methacrylate	9.116	69	117348	52.092	ug/l	98
57) 1,3-Dichloropropane	9.305	76	131450	50.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	263613	237.611	ug/l	98
59) 2-Hexanone	9.427	43	375143	258.766	ug/l	98
60) Dibromochloromethane	9.519	129	91586	55.189	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84247	52.737	ug/l	97
64) Tetrachloroethene	9.269	164	81339	54.036	ug/l	100
65) Chlorobenzene	10.080	112	222222	50.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	85159	52.161	ug/l	99
67) Ethyl Benzene	10.189	91	379849	49.871	ug/l	100
68) m/p-Xylenes	10.299	106	305780	102.639	ug/l	98
69) o-Xylene	10.640	106	150147	50.820	ug/l	98
70) Styrene	10.653	104	252982	52.650	ug/l	100
71) Bromoform	10.799	173	72844	53.246	ug/l #	98
73) Isopropylbenzene	10.964	105	393379	52.228	ug/l	100
74) N-amyl acetate	10.842	43	139161	46.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113996	51.775	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94731m	44.948	ug/l	
77) Bromobenzene	11.195	156	106481	52.390	ug/l	99
78) n-propylbenzene	11.305	91	444169	47.453	ug/l	99
79) 2-Chlorotoluene	11.366	91	259561	51.416	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	327437	47.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34053	50.216	ug/l	96
82) 4-Chlorotoluene	11.451	91	298920	51.755	ug/l	98
83) tert-Butylbenzene	11.713	119	340592	49.697	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	325143	49.799	ug/l	99
85) sec-Butylbenzene	11.890	105	414916	50.617	ug/l	100
86) p-Isopropyltoluene	12.006	119	363946	51.859	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	198482	51.210	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	195351	49.477	ug/l	99
89) n-Butylbenzene	12.329	91	296651	51.669	ug/l	99
90) Hexachloroethane	12.536	117	59850	51.844	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	189804	50.749	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22040	47.086	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	137643	54.635	ug/l	98
94) Hexachlorobutadiene	13.725	225	65532	53.102	ug/l	98
95) Naphthalene	13.774	128	375656	51.829	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	134605	53.396	ug/l	99

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

