

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037455.D
 Acq On : 01 Sep 2023 09:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 01 13:49:07 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 : John Carlone 09/01/2023
 Supervised By : Semsettin Yesilyurt 09/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	146111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	245951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99817	47.386	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.780%			
35) Dibromofluoromethane	5.379	113	87902	53.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.920%			
50) Toluene-d8	8.647	98	306029	51.794	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.079	95	128252	55.234	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89347	52.642	ug/l	99
3) Chloromethane	1.294	50	79986	53.868	ug/l	97
4) Vinyl Chloride	1.374	62	84830	52.486	ug/l	100
5) Bromomethane	1.599	94	39871	49.524	ug/l	98
6) Chloroethane	1.678	64	56375	59.274	ug/l	98
7) Trichlorofluoromethane	1.886	101	137223	51.830	ug/l	98
8) Diethyl Ether	2.130	74	54196	52.910	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	81663	52.873	ug/l	97
10) Methyl Iodide	2.447	142	99877	53.206	ug/l	94
11) Tert butyl alcohol	2.953	59	100441m	203.270	ug/l	
12) 1,1-Dichloroethene	2.319	96	75497	50.195	ug/l	82
13) Acrolein	2.233	56	51195	136.192	ug/l	98
14) Allyl chloride	2.660	41	114642	49.244	ug/l #	90
15) Acrylonitrile	3.056	53	215877	244.772	ug/l	99
16) Acetone	2.373	43	233880	283.813	ug/l #	87
17) Carbon Disulfide	2.508	76	170306	44.515	ug/l	98
18) Methyl Acetate	2.697	43	143083	46.115	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	289427	50.738	ug/l	98
20) Methylene Chloride	2.788	84	91860	49.846	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	83787	49.005	ug/l	87
22) Diisopropyl ether	3.757	45	245283	51.345	ug/l #	81
23) Vinyl Acetate	3.715	43	907051	247.772	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	154121	51.447	ug/l	96
25) 2-Butanone	4.544	43	303990	244.996	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	134263	50.184	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	102992	51.096	ug/l	88
28) Bromochloromethane	4.891	49	71238	53.232	ug/l #	72
29) Tetrahydrofuran	4.995	42	175756	222.113	ug/l #	82
30) Chloroform	5.092	83	169383	50.368	ug/l	98
31) Cyclohexane	5.464	56	122413	51.683	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	148239	49.191	ug/l	96
36) 1,1-Dichloropropene	5.690	75	115901	50.083	ug/l	97
37) Ethyl Acetate	4.708	43	111374	47.113	ug/l #	94
38) Carbon Tetrachloride	5.672	117	127014	50.526	ug/l	98
39) Methylcyclohexane	7.379	83	146627	60.306	ug/l	90
40) Benzene	6.031	78	353326	53.235	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	60176	48.967	ug/l #	86
42) 1,2-Dichloroethane	6.080	62	128283	49.287	ug/l	93
43) Isopropyl Acetate	6.336	43	180893	48.199	ug/l #	90
44) Trichloroethene	7.123	130	98186	52.171	ug/l	95
45) 1,2-Dichloropropane	7.427	63	88610	54.146	ug/l	98
46) Dibromomethane	7.580	93	66636	51.687	ug/l	92
47) Bromodichloromethane	7.818	83	131318	53.180	ug/l	99
48) Methyl methacrylate	7.690	41	89673	48.994	ug/l #	82
49) 1,4-Dioxane	7.653	88	44451	901.770	ug/l #	87
51) 4-Methyl-2-Pentanone	8.567	43	552888	242.604	ug/l	88
52) Toluene	8.714	92	236748	53.987	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	140922	53.598	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	153455	54.009	ug/l #	83
55) 1,1,2-Trichloroethane	9.147	97	99452	55.695	ug/l	99
56) Ethyl methacrylate	9.116	69	149585	53.481	ug/l #	82
57) 1,3-Dichloropropane	9.305	76	161145	53.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	318585	237.351	ug/l	93
59) 2-Hexanone	9.427	43	447737	257.667	ug/l	85
60) Dibromochloromethane	9.518	129	105136	55.300	ug/l	98
61) 1,2-Dibromoethane	9.610	107	104094	53.243	ug/l	100
64) Tetrachloroethene	9.275	164	77438	46.207	ug/l	98
65) Chlorobenzene	10.079	112	259330	53.410	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	98008	54.691	ug/l	99
67) Ethyl Benzene	10.189	91	453439	53.073	ug/l	100
68) m/p-Xylenes	10.299	106	355780	107.833	ug/l	97
69) o-Xylene	10.640	106	175321	53.859	ug/l	99
70) Styrene	10.652	104	297559	55.493	ug/l	97
71) Bromoform	10.799	173	75152	56.064	ug/l #	99
73) Isopropylbenzene	10.963	105	461326	51.803	ug/l	98
74) N-amyl acetate	10.841	43	165820	47.921	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	155233	51.760	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126496m	48.480	ug/l	
77) Bromobenzene	11.195	156	110769	50.930	ug/l	92
78) n-propylbenzene	11.305	91	530084	53.456	ug/l	98
79) 2-Chlorotoluene	11.360	91	324583	51.221	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	401548	54.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46000	49.240	ug/l	86
82) 4-Chlorotoluene	11.451	91	375419	51.323	ug/l	98
83) tert-Butylbenzene	11.713	119	400633	56.550	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	404441	53.870	ug/l	97
85) sec-Butylbenzene	11.890	105	495769	59.911	ug/l	99
86) p-Isopropyltoluene	12.006	119	426531	59.876	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	214231	52.612	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	216522	51.468	ug/l	100
89) n-Butylbenzene	12.329	91	360935	61.113	ug/l	98
90) Hexachloroethane	12.536	117	72591	61.052	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	218125	54.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32948	47.281	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	137899	59.107	ug/l	97
94) Hexachlorobutadiene	13.725	225	58686	65.112	ug/l	99
95) Naphthalene	13.774	128	464868	45.488	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	136830	59.032	ug/l	99

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

