

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033921.D
 Acq On : 26 Jan 2023 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 27 03:00:45 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 01/27/2023
 Supervised By : Semsettin Yesilyurt 01/27/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76079	44.234	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.460%		
35) Dibromofluoromethane	5.385	113	71133	49.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	8.647	98	251435	47.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	96059	49.176	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	54458	42.187	ug/l	99
3) Chloromethane	1.294	50	67579	47.394	ug/l	97
4) Vinyl Chloride	1.374	62	68986	49.853	ug/l	100
5) Bromomethane	1.605	94	30493	38.352	ug/l	99
6) Chloroethane	1.684	64	41775	48.831	ug/l	100
7) Trichlorofluoromethane	1.886	101	102551	45.698	ug/l	98
8) Diethyl Ether	2.129	74	41718	56.776	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	64926	50.200	ug/l	93
10) Methyl Iodide	2.453	142	90714	49.996	ug/l	92
11) Tert butyl alcohol	2.953	59	65460	219.087	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	61419	46.209	ug/l	91
13) Acrolein	2.233	56	88938	322.616	ug/l	98
14) Allyl chloride	2.666	41	109185	43.553	ug/l	88
15) Acrylonitrile	3.056	53	187966	239.040	ug/l	99
16) Acetone	2.373	43	157126	251.452	ug/l	93
17) Carbon Disulfide	2.514	76	129871	39.024	ug/l	99
18) Methyl Acetate	2.696	43	113391	47.240	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	205351	44.483	ug/l	99
20) Methylene Chloride	2.788	84	71177	47.468	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	66434	42.755	ug/l	97
22) Diisopropyl ether	3.757	45	223323	44.276	ug/l	91
23) Vinyl Acetate	3.721	43	850776	224.063	ug/l	98
24) 1,1-Dichloroethane	3.611	63	122535	44.403	ug/l	98
25) 2-Butanone	4.550	43	252045	224.283	ug/l	96
26) 2,2-Dichloropropane	4.477	77	81644	41.303	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	82169	45.997	ug/l	96
28) Bromochloromethane	4.891	49	54367	43.251	ug/l	92
29) Tetrahydrofuran	5.001	42	166281	234.768	ug/l	98
30) Chloroform	5.092	83	128250	45.375	ug/l	98
31) Cyclohexane	5.470	56	105747	41.783	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	107081	44.373	ug/l	99
36) 1,1-Dichloropropene	5.690	75	90923	43.145	ug/l	98
37) Ethyl Acetate	4.708	43	96409	47.820	ug/l	99
38) Carbon Tetrachloride	5.678	117	96653	44.282	ug/l	99
39) Methylcyclohexane	7.379	83	111353	42.787	ug/l	96
40) Benzene	6.037	78	279819	45.554	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58346	50.241	ug/l	97
42) 1,2-Dichloroethane	6.080	62	96276	44.227	ug/l	99
43) Isopropyl Acetate	6.336	43	151829	45.636	ug/l	98
44) Trichloroethene	7.122	130	83054	48.352	ug/l	96
45) 1,2-Dichloropropane	7.427	63	71388	46.394	ug/l	98
46) Dibromomethane	7.580	93	50672	47.146	ug/l	96
47) Bromodichloromethane	7.824	83	98175	47.397	ug/l	99
48) Methyl methacrylate	7.689	41	78717	46.970	ug/l	96
49) 1,4-Dioxane	7.665	88	33451	902.360	ug/l #	96
51) 4-Methyl-2-Pentanone	8.573	43	501678	245.532	ug/l	99
52) Toluene	8.720	92	182573	46.025	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	98124	47.370	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	111109	47.870	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	76061	48.441	ug/l	99
56) Ethyl methacrylate	9.116	69	110843	50.160	ug/l	97
57) 1,3-Dichloropropane	9.305	76	123960	48.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	251058	230.689	ug/l	98
59) 2-Hexanone	9.427	43	368034	258.793	ug/l	99
60) Dibromochloromethane	9.518	129	84130	51.681	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79816	50.934	ug/l	97
64) Tetrachloroethene	9.275	164	74171	50.405	ug/l	97
65) Chlorobenzene	10.079	112	206147	47.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	79228	49.744	ug/l	99
67) Ethyl Benzene	10.195	91	351130	47.254	ug/l	99
68) m/p-Xylenes	10.299	106	278978	95.987	ug/l	99
69) o-Xylene	10.640	106	139845	48.518	ug/l	98
70) Styrene	10.652	104	234319	49.987	ug/l	100
71) Bromoform	10.799	173	68198	51.098	ug/l #	100
73) Isopropylbenzene	10.963	105	361827	48.393	ug/l	99
74) N-amyl acetate	10.841	43	134178	45.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	112969	51.891	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	90605m	43.472	ug/l	
77) Bromobenzene	11.195	156	98946	49.084	ug/l	98
78) n-propylbenzene	11.305	91	405008	43.754	ug/l	99
79) 2-Chlorotoluene	11.366	91	242827	48.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	300879	44.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30241	45.094	ug/l	99
82) 4-Chlorotoluene	11.451	91	273817	47.707	ug/l	98
83) tert-Butylbenzene	11.713	119	314141	46.351	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	301956	46.766	ug/l	100
85) sec-Butylbenzene	11.890	105	382388	47.171	ug/l	100
86) p-Isopropyltoluene	12.006	119	330216	47.580	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	181204	47.276	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	179944	46.086	ug/l	99
89) n-Butylbenzene	12.329	91	263722	46.448	ug/l	99
90) Hexachloroethane	12.536	117	52691	46.154	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	179550	48.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22303	48.182	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	128329	51.509	ug/l	99
94) Hexachlorobutadiene	13.725	225	57264	46.922	ug/l	99
95) Naphthalene	13.774	128	372400	51.955	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126445	50.721	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

