

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040499.D
 Acq On : 27 Feb 2024 18:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 28 02:09:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	80656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67236	49.841	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.680%		
35) Dibromofluoromethane	5.385	113	46193	47.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	8.647	98	168499	47.622	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.240%		
62) 4-Bromofluorobenzene	11.079	95	66663	49.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	49013	48.830	ug/l	95
3) Chloromethane	1.295	50	48064	48.277	ug/l	99
4) Vinyl Chloride	1.374	62	52248	48.530	ug/l	99
5) Bromomethane	1.599	94	28979	48.436	ug/l	98
6) Chloroethane	1.679	64	31996	46.960	ug/l	99
7) Trichlorofluoromethane	1.886	101	86896	51.103	ug/l	96
8) Diethyl Ether	2.136	74	29725	50.012	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	45062	49.233	ug/l	98
10) Methyl Iodide	2.453	142	45629	48.172	ug/l	99
11) Tert butyl alcohol	2.965	59	61171	269.740	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	42130	45.847	ug/l	96
13) Acrolein	2.233	56	56804	390.695	ug/l	99
14) Allyl chloride	2.660	41	77102	47.959	ug/l	92
15) Acrylonitrile	3.063	53	143257	251.836	ug/l	98
16) Acetone	2.380	43	134458	305.630	ug/l	99
17) Carbon Disulfide	2.508	76	111758	43.918	ug/l	100
18) Methyl Acetate	2.703	43	71899	53.011	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	155861	49.725	ug/l	96
20) Methylene Chloride	2.788	84	49220	46.752	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	46128	47.069	ug/l	96
22) Diisopropyl ether	3.764	45	156918	48.571	ug/l	91
23) Vinyl Acetate	3.721	43	736294	248.797	ug/l	99
24) 1,1-Dichloroethane	3.605	63	91081	48.345	ug/l	99
25) 2-Butanone	4.556	43	209188	272.912	ug/l	98
26) 2,2-Dichloropropane	4.471	77	65540	43.694	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	53813	46.937	ug/l	98
28) Bromochloromethane	4.898	49	36302	46.064	ug/l	99
29) Tetrahydrofuran	5.001	42	137720	257.553	ug/l	98
30) Chloroform	5.093	83	98535	49.274	ug/l	97
31) Cyclohexane	5.471	56	73690	48.215	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	85550	50.124	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69937	46.569	ug/l	99
37) Ethyl Acetate	4.715	43	80539	49.002	ug/l	100
38) Carbon Tetrachloride	5.678	117	70647	48.695	ug/l	95
39) Methylcyclohexane	7.379	83	77257	47.647	ug/l	99
40) Benzene	6.038	78	192506	47.345	ug/l	98

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 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44023	47.951	ug/l	94
42) 1,2-Dichloroethane	6.092	62	84585	50.262	ug/l	98
43) Isopropyl Acetate	6.342	43	125708	48.744	ug/l	97
44) Trichloroethene	7.123	130	51108	46.738	ug/l	96
45) 1,2-Dichloropropane	7.434	63	51839	47.638	ug/l	97
46) Dibromomethane	7.580	93	39654	49.565	ug/l	99
47) Bromodichloromethane	7.824	83	77580	49.250	ug/l	99
48) Methyl methacrylate	7.690	41	67362	52.259	ug/l	95
49) 1,4-Dioxane	7.659	88	27632	1133.189	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	441926	259.176	ug/l	97
52) Toluene	8.720	92	123280	49.403	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	77501	48.480	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83850	48.797	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	50629	48.890	ug/l	92
56) Ethyl methacrylate	9.116	69	82415	51.473	ug/l	94
57) 1,3-Dichloropropane	9.305	76	88412	49.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	218356	260.098	ug/l	96
59) 2-Hexanone	9.427	43	346847	264.574	ug/l	98
60) Dibromochloromethane	9.519	129	56357	50.104	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56189	49.724	ug/l	99
64) Tetrachloroethene	9.275	164	45958	49.145	ug/l	98
65) Chlorobenzene	10.080	112	132564	46.789	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	49789	49.865	ug/l	99
67) Ethyl Benzene	10.195	91	250595	48.319	ug/l	97
68) m/p-Xylenes	10.299	106	183836	94.923	ug/l	94
69) o-Xylene	10.640	106	89743	48.450	ug/l	93
70) Styrene	10.653	104	152269	49.312	ug/l	98
71) Bromoform	10.799	173	41251	50.470	ug/l #	98
73) Isopropylbenzene	10.964	105	244365	47.759	ug/l	99
74) N-amyl acetate	10.842	43	117770	49.559	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	87019	47.027	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72101m	47.154	ug/l	
77) Bromobenzene	11.195	156	56472	46.678	ug/l	99
78) n-propylbenzene	11.305	91	298618	47.052	ug/l	97
79) 2-Chlorotoluene	11.366	91	173494	45.410	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	209230	48.083	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	22754	45.300	ug/l	99
82) 4-Chlorotoluene	11.451	91	205502	46.514	ug/l	100
83) tert-Butylbenzene	11.713	119	196946	48.007	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	207087	47.966	ug/l	100
85) sec-Butylbenzene	11.890	105	257616	47.799	ug/l	99
86) p-Isopropyltoluene	12.006	119	211754	47.666	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	107858	44.726	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110675	45.084	ug/l	99
89) n-Butylbenzene	12.329	91	203664	46.598	ug/l	96
90) Hexachloroethane	12.536	117	35762	48.368	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	106093	46.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23069	53.476	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70688	47.133	ug/l	98
94) Hexachlorobutadiene	13.725	225	27747	45.269	ug/l	99
95) Naphthalene	13.774	128	234475	48.924	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68368	47.956	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

