

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041454.D
 Acq On : 10 May 2024 12:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 11 01:32:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	164894	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	245368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133301	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	100657	56.073	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.140%	
35) Dibromofluoromethane	5.379	113	82528	49.632	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.260%	
50) Toluene-d8	8.647	98	297670	56.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 113.120%#	
62) 4-Bromofluorobenzene	11.079	95	113187	55.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.120%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	87843	64.832	ug/l	99
3) Chloromethane	1.295	50	70960	50.611	ug/l	99
4) Vinyl Chloride	1.374	62	71260	53.316	ug/l	99
5) Bromomethane	1.599	94	54328	64.839	ug/l	97
6) Chloroethane	1.666	64	43320	69.806	ug/l	98
7) Trichlorofluoromethane	1.861	101	133537	57.940	ug/l	99
8) Diethyl Ether	2.136	74	48916	60.216	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	77550	59.868	ug/l	89
10) Methyl Iodide	2.441	142	77453	55.556	ug/l	92
11) Tert butyl alcohol	3.008	59	93973	261.549	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	70235	54.966	ug/l	90
13) Acrolein	2.239	56	70559	247.545	ug/l	96
14) Allyl chloride	2.654	41	122560	57.090	ug/l	96
15) Acrylonitrile	3.069	53	240091	292.788	ug/l	99
16) Acetone	2.392	43	245459	311.474	ug/l	96
17) Carbon Disulfide	2.502	76	143564	47.795	ug/l	100
18) Methyl Acetate	2.709	43	107042	58.283	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	268351	57.610	ug/l	99
20) Methylene Chloride	2.782	84	82523	52.954	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	78030	54.643	ug/l	91
22) Diisopropyl ether	3.764	45	271420	59.656	ug/l	88
23) Vinyl Acetate	3.721	43	1239594	304.577	ug/l	97
24) 1,1-Dichloroethane	3.605	63	149441	58.140	ug/l	98
25) 2-Butanone	4.562	43	361380	311.042	ug/l	98
26) 2,2-Dichloropropane	4.471	77	126018	58.638	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	98842	58.460	ug/l	91
28) Bromochloromethane	4.898	49	50173	54.694	ug/l	# 81
29) Tetrahydrofuran	5.007	42	221418	291.402	ug/l	96
30) Chloroform	5.087	83	161149	60.262	ug/l	99
31) Cyclohexane	5.458	56	122180	56.394	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	143492	58.979	ug/l	98
36) 1,1-Dichloropropene	5.690	75	102639	51.622	ug/l	96
37) Ethyl Acetate	4.715	43	133377	53.762	ug/l	99
38) Carbon Tetrachloride	5.672	117	120781	53.026	ug/l	99
39) Methylcyclohexane	7.373	83	137205	58.738	ug/l	93
40) Benzene	6.031	78	323029	52.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	73523	57.581	ug/l	97
42) 1,2-Dichloroethane	6.080	62	126234	56.195	ug/l	96
43) Isopropyl Acetate	6.342	43	207443	55.613	ug/l	99
44) Trichloroethene	7.123	130	92146	56.932	ug/l	89
45) 1,2-Dichloropropane	7.428	63	82687	60.379	ug/l	99
46) Dibromomethane	7.580	93	61174	56.113	ug/l #	80
47) Bromodichloromethane	7.818	83	117362	60.411	ug/l	97
48) Methyl methacrylate	7.696	41	101694	59.473	ug/l	95
49) 1,4-Dioxane	7.665	88	41774	1129.971	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	722632	322.854	ug/l	99
52) Toluene	8.714	92	221499	59.074	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	118513	52.356	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	128444	60.139	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	88276	61.135	ug/l	96
56) Ethyl methacrylate	9.116	69	142795	63.898	ug/l	97
57) 1,3-Dichloropropane	9.305	76	147109	61.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	300795	277.596	ug/l	93
59) 2-Hexanone	9.433	43	580019	324.071	ug/l	98
60) Dibromochloromethane	9.519	129	106840	62.851	ug/l	99
61) 1,2-Dibromoethane	9.610	107	94557	59.523	ug/l	100
64) Tetrachloroethene	9.269	164	90484	54.785	ug/l	91
65) Chlorobenzene	10.080	112	250640	54.132	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	90388	55.249	ug/l	98
67) Ethyl Benzene	10.195	91	407710	53.372	ug/l	97
68) m/p-Xylenes	10.299	106	334782	109.438	ug/l	93
69) o-Xylene	10.640	106	166191	56.739	ug/l	93
70) Styrene	10.653	104	281385	58.545	ug/l	96
71) Bromoform	10.799	173	84439	57.672	ug/l #	100
73) Isopropylbenzene	10.964	105	404011	49.651	ug/l	97
74) N-amyl acetate	10.842	43	195389	54.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	146636	54.996	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	120541m	55.488	ug/l	
77) Bromobenzene	11.195	156	124001	53.994	ug/l	79
78) n-propylbenzene	11.305	91	486246	56.896	ug/l	96
79) 2-Chlorotoluene	11.366	91	299265	54.339	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	362914	54.712	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	42861	53.742	ug/l	98
82) 4-Chlorotoluene	11.451	91	341453	54.613	ug/l	94
83) tert-Butylbenzene	11.713	119	392552	55.264	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	355377	53.245	ug/l	93
85) sec-Butylbenzene	11.890	105	450941	55.396	ug/l	95
86) p-Isopropyltoluene	12.006	119	403494	55.191	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	226165	54.180	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	230223	53.531	ug/l	95
89) n-Butylbenzene	12.335	91	330239	56.175	ug/l	98
90) Hexachloroethane	12.536	117	62749	51.323	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	229329	52.013	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31155	50.566	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	168185	54.571	ug/l	95
94) Hexachlorobutadiene	13.725	225	83423	54.205	ug/l	99
95) Naphthalene	13.774	128	506727	55.482	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	174045	55.256	ug/l	95

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QLast Update : Wed May 08 06:03:16 2024
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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

