

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041736.D
 Acq On : 05 Jun 2024 09:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 02:07:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	204028	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	292622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	151698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113985	45.551	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.379	113	93518	46.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.440%		
50) Toluene-d8	8.647	98	327133	46.276	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.560%		
62) 4-Bromofluorobenzene	11.079	95	124554	47.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	82718	46.140	ug/l	100
3) Chloromethane	1.300	50	83190	42.530	ug/l	99
4) Vinyl Chloride	1.374	62	89341	44.368	ug/l	100
5) Bromomethane	1.599	94	65523	46.723	ug/l	100
6) Chloroethane	1.666	64	49806	40.923	ug/l	92
7) Trichlorofluoromethane	1.867	101	144608	43.977	ug/l	99
8) Diethyl Ether	2.136	74	55531	43.818	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.312	101	86668	46.515	ug/l	90
10) Methyl Iodide	2.441	142	105045	45.212	ug/l	91
11) Tert butyl alcohol	3.001	59	102826	232.289	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	82003	45.088	ug/l	88
13) Acrolein	2.239	56	79705	193.384	ug/l	97
14) Allyl chloride	2.654	41	144109	48.164	ug/l	98
15) Acrylonitrile	3.068	53	250124	230.402	ug/l	99
16) Acetone	2.386	43	307296	286.049	ug/l	97
17) Carbon Disulfide	2.501	76	179892	44.712	ug/l	99
18) Methyl Acetate	2.703	43	114969	48.118	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	283095	46.524	ug/l	100
20) Methylene Chloride	2.782	84	92562	41.334	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	85139	45.119	ug/l	92
22) Diisopropyl ether	3.763	45	285593	46.706	ug/l	88
23) Vinyl Acetate	3.721	43	1319783	240.251	ug/l	96
24) 1,1-Dichloroethane	3.599	63	159583	46.154	ug/l	97
25) 2-Butanone	4.562	43	390595	251.150	ug/l	97
26) 2,2-Dichloropropane	4.465	77	133548	47.077	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	104091	46.147	ug/l	93
28) Bromochloromethane	4.891	49	69917	46.950	ug/l	84
29) Tetrahydrofuran	5.007	42	231828	236.364	ug/l	97
30) Chloroform	5.086	83	166553	45.880	ug/l	98
31) Cyclohexane	5.458	56	135502	45.866	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	148789	46.771	ug/l	99
36) 1,1-Dichloropropene	5.684	75	110918	45.277	ug/l	96
37) Ethyl Acetate	4.714	43	142269	46.017	ug/l	99
38) Carbon Tetrachloride	5.666	117	129914	46.677	ug/l	98
39) Methylcyclohexane	7.373	83	145955	48.495	ug/l	93
40) Benzene	6.031	78	350055	45.716	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	75856	50.169	ug/l	97
42) 1,2-Dichloroethane	6.080	62	133379	46.660	ug/l	97
43) Isopropyl Acetate	6.342	43	218039	46.712	ug/l	98
44) Trichloroethene	7.117	130	95854	46.028	ug/l	89
45) 1,2-Dichloropropane	7.427	63	85889	47.176	ug/l	99
46) Dibromomethane	7.574	93	65586	46.968	ug/l #	81
47) Bromodichloromethane	7.818	83	125301	48.461	ug/l	96
48) Methyl methacrylate	7.690	41	110405	49.253	ug/l	97
49) 1,4-Dioxane	7.665	88	46615	951.765	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	736480	243.318	ug/l	99
52) Toluene	8.714	92	229780	47.285	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	129010	50.690	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	137591	48.869	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	92112	47.023	ug/l	98
56) Ethyl methacrylate	9.116	69	149255	49.919	ug/l	99
57) 1,3-Dichloropropane	9.305	76	150837	46.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	343502	244.026	ug/l	95
59) 2-Hexanone	9.433	43	591841	256.469	ug/l	98
60) Dibromochloromethane	9.518	129	108503	49.931	ug/l	99
61) 1,2-Dibromoethane	9.610	107	96714	46.779	ug/l	98
64) Tetrachloroethene	9.269	164	93153	46.421	ug/l	93
65) Chlorobenzene	10.079	112	263277	45.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	94847	47.570	ug/l	98
67) Ethyl Benzene	10.189	91	439536	47.999	ug/l	99
68) m/p-Xylenes	10.299	106	349574	95.959	ug/l	94
69) o-Xylene	10.640	106	171996	47.460	ug/l	94
70) Styrene	10.652	104	296073	49.463	ug/l	96
71) Bromoform	10.799	173	87017	50.113	ug/l #	99
73) Isopropylbenzene	10.963	105	452783	48.118	ug/l	97
74) N-amyl acetate	10.841	43	206811	49.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	149191	44.675	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	126340m	47.733	ug/l	
77) Bromobenzene	11.195	156	125605	45.221	ug/l	81
78) n-propylbenzene	11.305	91	511597	49.512	ug/l	97
79) 2-Chlorotoluene	11.360	91	308833	46.502	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	380658	48.451	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47320	48.727	ug/l	95
82) 4-Chlorotoluene	11.451	91	358076	47.393	ug/l	93
83) tert-Butylbenzene	11.713	119	404837	47.836	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	387418	48.670	ug/l	93
85) sec-Butylbenzene	11.890	105	482307	49.710	ug/l	96
86) p-Isopropyltoluene	12.006	119	428927	50.406	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	232808	46.932	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	236360	46.224	ug/l	96
89) n-Butylbenzene	12.329	91	354553	52.633	ug/l	98
90) Hexachloroethane	12.536	117	70336	48.598	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	233701	46.252	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33610	49.819	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	166224	49.916	ug/l	95
94) Hexachlorobutadiene	13.725	225	81134	49.177	ug/l	99
95) Naphthalene	13.774	128	490230	49.887	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	166809	48.672	ug/l	96

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

