

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041366.D
 Acq On : 06 May 2024 09:57
 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 06 16:48:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	175430	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	245708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108864	57.003	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.000%			
35) Dibromofluoromethane	5.379	113	87151	52.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.680%			
50) Toluene-d8	8.647	98	296039	56.173	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.340%#			
62) 4-Bromofluorobenzene	11.079	95	126769	62.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 124.280%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	77105	53.489	ug/l	97
3) Chloromethane	1.300	50	68047	45.619	ug/l	100
4) Vinyl Chloride	1.374	62	67791	47.674	ug/l	99
5) Bromomethane	1.599	94	46091	51.705	ug/l	99
6) Chloroethane	1.666	64	35477	53.735	ug/l	97
7) Trichlorofluoromethane	1.867	101	127403	51.959	ug/l	100
8) Diethyl Ether	2.136	74	48040	55.586	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.319	101	73261	53.160	ug/l #	87
10) Methyl Iodide	2.441	142	64397	43.417	ug/l	92
11) Tert butyl alcohol	3.007	59	108217	283.104	ug/l #	91
12) 1,1-Dichloroethene	2.306	96	68592	50.456	ug/l	90
13) Acrolein	2.239	56	95144	313.750	ug/l	98
14) Allyl chloride	2.654	41	123668	54.146	ug/l	98
15) Acrylonitrile	3.068	53	249626	286.133	ug/l	99
16) Acetone	2.392	43	250828	299.014	ug/l	97
17) Carbon Disulfide	2.501	76	155645	48.705	ug/l	99
18) Methyl Acetate	2.703	43	110455	56.530	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	256432	51.745	ug/l	100
20) Methylene Chloride	2.782	84	78701	47.468	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	70814	46.611	ug/l	92
22) Diisopropyl ether	3.763	45	242876	50.176	ug/l	86
23) Vinyl Acetate	3.721	43	1199516	277.028	ug/l	96
24) 1,1-Dichloroethane	3.599	63	133609	48.858	ug/l	97
25) 2-Butanone	4.562	43	369301	298.770	ug/l	97
26) 2,2-Dichloropropane	4.471	77	115434	50.487	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	89346	49.670	ug/l	91
28) Bromochloromethane	4.891	49	45054	46.164	ug/l #	76
29) Tetrahydrofuran	5.007	42	229414	283.792	ug/l	94
30) Chloroform	5.086	83	144380	50.748	ug/l	95
31) Cyclohexane	5.458	56	111615	48.424	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	128219	49.536	ug/l	97
36) 1,1-Dichloropropene	5.684	75	92798	46.608	ug/l	96
37) Ethyl Acetate	4.715	43	136965	55.132	ug/l	100
38) Carbon Tetrachloride	5.666	117	115436	50.610	ug/l	98
39) Methylcyclohexane	7.373	83	124067	53.040	ug/l	91
40) Benzene	6.031	78	290690	47.360	ug/l	99

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41) Methacrylonitrile	4.922	41	71398	55.840	ug/l	94
42) 1,2-Dichloroethane	6.080	62	115857	51.505	ug/l	96
43) Isopropyl Acetate	6.336	43	205859	55.112	ug/l	98
44) Trichloroethene	7.117	130	83014	51.219	ug/l	89
45) 1,2-Dichloropropane	7.427	63	71863	52.402	ug/l	98
46) Dibromomethane	7.574	93	58595	53.673	ug/l #	78
47) Bromodichloromethane	7.818	83	111397	57.261	ug/l	98
48) Methyl methacrylate	7.690	41	101190	59.096	ug/l	94
49) 1,4-Dioxane	7.665	88	46360	1252.285	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	702848	313.581	ug/l	99
52) Toluene	8.714	92	189529	50.478	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	113243	58.751	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	120461	56.324	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	82046	56.741	ug/l	97
56) Ethyl methacrylate	9.116	69	134758	60.218	ug/l	99
57) 1,3-Dichloropropane	9.305	76	133154	55.177	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	306997	282.928	ug/l	92
59) 2-Hexanone	9.433	43	581611	324.511	ug/l	97
60) Dibromochloromethane	9.518	129	101860	59.839	ug/l	100
61) 1,2-Dibromoethane	9.610	107	90077	56.625	ug/l	99
64) Tetrachloroethene	9.269	164	81552	45.408	ug/l	89
65) Chlorobenzene	10.079	112	247163	49.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92588	52.045	ug/l	98
67) Ethyl Benzene	10.189	91	405093	48.766	ug/l	99
68) m/p-Xylenes	10.299	106	323544	97.263	ug/l	92
69) o-Xylene	10.640	106	160854	50.503	ug/l	93
70) Styrene	10.652	104	268494	51.372	ug/l	96
71) Bromoform	10.799	173	92056	57.820	ug/l #	100
73) Isopropylbenzene	10.963	105	416005	48.930	ug/l	96
74) N-amyl acetate	10.841	43	202636	54.554	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	149453	53.646	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	126542m	55.749	ug/l	
77) Bromobenzene	11.195	156	120213	50.097	ug/l	78
78) n-propylbenzene	11.305	91	453283	50.762	ug/l	96
79) 2-Chlorotoluene	11.360	91	266191	46.259	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	316330	45.641	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	48552	58.264	ug/l	94
82) 4-Chlorotoluene	11.451	91	296539	45.393	ug/l	93
83) tert-Butylbenzene	11.713	119	377758	50.898	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	352691	50.574	ug/l	94
85) sec-Butylbenzene	11.890	105	440060	51.739	ug/l	94
86) p-Isopropyltoluene	12.006	119	395067	51.718	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	216914	49.733	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	218867	48.706	ug/l	94
89) n-Butylbenzene	12.329	91	318962	51.927	ug/l	97
90) Hexachloroethane	12.536	117	67877	53.134	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	221894	48.166	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35101	54.525	ug/l	57
93) 1,2,4-Trichlorobenzene	13.585	180	150557	46.754	ug/l	94
94) Hexachlorobutadiene	13.725	225	72782	45.260	ug/l	99
95) Naphthalene	13.774	128	471953	49.456	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	154100	46.823	ug/l	95

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

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