

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041504.D
 Acq On : 13 May 2024 19:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 14 01:39:32 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 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173989	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	249320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103151	54.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.920%			
35) Dibromofluoromethane	5.385	113	85491	50.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	8.647	98	295165	55.195	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.400%			
62) 4-Bromofluorobenzene	11.079	95	100305	48.454	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	70729	49.472	ug/l	99
3) Chloromethane	1.295	50	67669	45.741	ug/l	98
4) Vinyl Chloride	1.374	62	71690	50.834	ug/l	100
5) Bromomethane	1.599	94	52641	59.542	ug/l	99
6) Chloroethane	1.666	64	39099	59.711	ug/l	96
7) Trichlorofluoromethane	1.868	101	124574	51.226	ug/l	99
8) Diethyl Ether	2.136	74	47312	55.197	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	79068	57.849	ug/l	88
10) Methyl Iodide	2.447	142	89812	61.054	ug/l	93
11) Tert butyl alcohol	3.008	59	123382	325.451	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	73648	54.624	ug/l	89
13) Acrolein	2.239	56	116189	386.322	ug/l	98
14) Allyl chloride	2.660	41	132954	58.694	ug/l	99
15) Acrylonitrile	3.069	53	252347	291.647	ug/l	99
16) Acetone	2.392	43	234820	282.027	ug/l	94
17) Carbon Disulfide	2.508	76	145215	45.818	ug/l	100
18) Methyl Acetate	2.709	43	120048	61.948	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	272352	55.412	ug/l	100
20) Methylene Chloride	2.788	84	86311	52.489	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	77028	51.121	ug/l	89
22) Diisopropyl ether	3.764	45	271106	56.472	ug/l	91
23) Vinyl Acetate	3.721	43	1249897	291.055	ug/l	96
24) 1,1-Dichloroethane	3.605	63	150527	55.501	ug/l	98
25) 2-Butanone	4.562	43	370044	301.850	ug/l	97
26) 2,2-Dichloropropane	4.471	77	119009	52.482	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	98790	55.375	ug/l	91
28) Bromochloromethane	4.898	49	51229	52.926	ug/l	# 82
29) Tetrahydrofuran	5.007	42	236605	295.112	ug/l	97
30) Chloroform	5.093	83	160546	56.898	ug/l	96
31) Cyclohexane	5.465	56	116421	50.927	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	141113	54.969	ug/l	98
36) 1,1-Dichloropropene	5.690	75	101326	50.154	ug/l	96
37) Ethyl Acetate	4.721	43	139947	55.516	ug/l	100
38) Carbon Tetrachloride	5.672	117	121335	52.425	ug/l	96
39) Methylcyclohexane	7.379	83	121379	51.139	ug/l	92
40) Benzene	6.031	78	324990	52.181	ug/l	98

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41) Methacrylonitrile	4.922	41	75045	57.842	ug/l	96
42) 1,2-Dichloroethane	6.086	62	124571	54.576	ug/l	97
43) Isopropyl Acetate	6.342	43	212866	56.163	ug/l	98
44) Trichloroethene	7.123	130	89142	54.203	ug/l	88
45) 1,2-Dichloropropane	7.428	63	80618	57.935	ug/l	98
46) Dibromomethane	7.580	93	61653	55.656	ug/l #	79
47) Bromodichloromethane	7.824	83	119292	60.431	ug/l	99
48) Methyl methacrylate	7.696	41	106826	61.484	ug/l	96
49) 1,4-Dioxane	7.665	88	53948	1436.142	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	733557	322.541	ug/l	99
52) Toluene	8.714	92	209265	54.927	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	117567	51.173	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	127237	58.630	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	88853	60.559	ug/l	96
56) Ethyl methacrylate	9.116	69	143457	63.177	ug/l	99
57) 1,3-Dichloropropane	9.305	76	143928	58.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	335532	304.746	ug/l	94
59) 2-Hexanone	9.433	43	573246	315.210	ug/l	97
60) Dibromochloromethane	9.519	129	102377	59.271	ug/l	99
61) 1,2-Dibromoethane	9.610	107	91717	56.820	ug/l	99
64) Tetrachloroethene	9.275	164	85010	51.246	ug/l	89
65) Chlorobenzene	10.080	112	248905	53.523	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	90228	54.910	ug/l	99
67) Ethyl Benzene	10.195	91	407585	53.122	ug/l	98
68) m/p-Xylenes	10.299	106	320067	104.171	ug/l	93
69) o-Xylene	10.640	106	160684	54.619	ug/l	94
70) Styrene	10.653	104	272203	56.387	ug/l	95
71) Bromoform	10.799	173	75140	51.096	ug/l #	99
73) Isopropylbenzene	10.964	105	385353	48.897	ug/l	97
74) N-amyl acetate	10.842	43	173647	50.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	130996	50.726	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	107543m	51.113	ug/l	
77) Bromobenzene	11.195	156	108253	48.668	ug/l	79
78) n-propylbenzene	11.305	91	413793	49.991	ug/l	96
79) 2-Chlorotoluene	11.366	91	266395	49.942	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	310933	48.398	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	40367	52.259	ug/l	94
82) 4-Chlorotoluene	11.451	91	294775	48.678	ug/l	93
83) tert-Butylbenzene	11.713	119	354318	51.502	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	338306	52.334	ug/l	93
85) sec-Butylbenzene	11.890	105	443522	56.255	ug/l	96
86) p-Isopropyltoluene	12.006	119	387538	54.730	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	216771	53.617	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	219043	52.586	ug/l	95
89) n-Butylbenzene	12.329	91	309248	54.313	ug/l	98
90) Hexachloroethane	12.536	117	64695	54.634	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	222271	52.050	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33857	56.737	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	153730	51.501	ug/l	96
94) Hexachlorobutadiene	13.725	225	72538	48.663	ug/l	99
95) Naphthalene	13.774	128	476455	53.863	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	155680	51.031	ug/l	96

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

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