

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041526.D
 Acq On : 14 May 2024 17:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 01:58:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131529	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	184387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86654	60.518	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 121.040%#			
35) Dibromofluoromethane	5.385	113	70991	56.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.620%			
50) Toluene-d8	8.647	98	243114	61.472	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 122.940%#			
62) 4-Bromofluorobenzene	11.079	95	96301	62.902	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 125.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	59657	55.198	ug/l	96
3) Chloromethane	1.301	50	55161	49.323	ug/l	98
4) Vinyl Chloride	1.374	62	59502	55.812	ug/l	98
5) Bromomethane	1.599	94	45362	67.872	ug/l	100
6) Chloroethane	1.666	64	37570	75.898	ug/l	93
7) Trichlorofluoromethane	1.867	101	117465	63.896	ug/l	99
8) Diethyl Ether	2.136	74	42663	65.841	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	63091	61.061	ug/l	88
10) Methyl Iodide	2.441	142	75604	67.986	ug/l	92
11) Tert butyl alcohol	3.008	59	81257	283.527	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	58837	57.726	ug/l	89
13) Acrolein	2.239	56	83941	369.198	ug/l	100
14) Allyl chloride	2.660	41	101750	59.420	ug/l	97
15) Acrylonitrile	3.068	53	195518	298.914	ug/l	98
16) Acetone	2.392	43	177937	237.970	ug/l	95
17) Carbon Disulfide	2.502	76	105464	44.018	ug/l	99
18) Methyl Acetate	2.709	43	95919	65.475	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	218373	58.773	ug/l	100
20) Methylene Chloride	2.788	84	68825	55.367	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	59808	52.507	ug/l	87
22) Diisopropyl ether	3.763	45	216505	59.657	ug/l	94
23) Vinyl Acetate	3.721	43	988406	304.464	ug/l	96
24) 1,1-Dichloroethane	3.605	63	118163	57.633	ug/l	97
25) 2-Butanone	4.568	43	285316	307.868	ug/l	96
26) 2,2-Dichloropropane	4.471	77	97293	56.756	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	77455	57.431	ug/l	91
28) Bromochloromethane	4.897	49	40977	56.001	ug/l	# 79
29) Tetrahydrofuran	5.013	42	184298	304.077	ug/l	97
30) Chloroform	5.093	83	129464	60.694	ug/l	97
31) Cyclohexane	5.464	56	90857	52.575	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	114695	59.101	ug/l	98
36) 1,1-Dichloropropene	5.690	75	79173	52.989	ug/l	95
37) Ethyl Acetate	4.721	43	112491	60.339	ug/l	100
38) Carbon Tetrachloride	5.672	117	95592	55.847	ug/l	98
39) Methylcyclohexane	7.379	83	96815	55.155	ug/l	93
40) Benzene	6.037	78	258166	56.049	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58056	60.505	ug/l	94
42) 1,2-Dichloroethane	6.086	62	100937	59.795	ug/l	97
43) Isopropyl Acetate	6.348	43	170107	60.686	ug/l	99
44) Trichloroethene	7.123	130	71609	58.876	ug/l	88
45) 1,2-Dichloropropane	7.427	63	64043	62.231	ug/l	99
46) Dibromomethane	7.580	93	49686	60.648	ug/l #	79
47) Bromodichloromethane	7.824	83	95138	65.167	ug/l	98
48) Methyl methacrylate	7.696	41	83939	65.325	ug/l	94
49) 1,4-Dioxane	7.671	88	34848	1254.373	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	588010	349.592	ug/l	100
52) Toluene	8.720	92	169951	60.317	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	94332	65.215	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	101103	62.994	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	72017	66.369	ug/l	98
56) Ethyl methacrylate	9.116	69	116271	69.236	ug/l	97
57) 1,3-Dichloropropane	9.311	76	116174	64.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	258337	317.261	ug/l	94
59) 2-Hexanone	9.433	43	456482	339.398	ug/l	98
60) Dibromochloromethane	9.519	129	84006	65.762	ug/l	98
61) 1,2-Dibromoethane	9.610	107	75463	63.214	ug/l	100
64) Tetrachloroethene	9.275	164	70425	56.314	ug/l	90
65) Chlorobenzene	10.079	112	201478	57.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	74528	60.163	ug/l	98
67) Ethyl Benzene	10.195	91	330996	57.224	ug/l	99
68) m/p-Xylenes	10.299	106	260024	112.258	ug/l	95
69) o-Xylene	10.640	106	130968	59.052	ug/l	95
70) Styrene	10.652	104	224888	61.795	ug/l	96
71) Bromoform	10.799	173	67643	61.016	ug/l #	98
73) Isopropylbenzene	10.963	105	344585	55.681	ug/l	97
74) N-amyl acetate	10.841	43	159095	58.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	120774	59.557	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98612m	59.684	ug/l	
77) Bromobenzene	11.195	156	99738	57.102	ug/l	79
78) n-propylbenzene	11.305	91	377396	58.062	ug/l	96
79) 2-Chlorotoluene	11.366	91	234765	56.048	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	287861	57.059	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	34723	57.245	ug/l	99
82) 4-Chlorotoluene	11.451	91	269023	56.574	ug/l	92
83) tert-Butylbenzene	11.713	119	312846	57.909	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	292244	57.571	ug/l	94
85) sec-Butylbenzene	11.890	105	364317	58.845	ug/l	95
86) p-Isopropyltoluene	12.006	119	324025	58.274	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	181116	57.048	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	181989	55.638	ug/l	95
89) n-Butylbenzene	12.329	91	257349	57.558	ug/l	97
90) Hexachloroethane	12.536	117	53970	58.040	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	187234	55.835	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26511	56.575	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	129400	55.205	ug/l	96
94) Hexachlorobutadiene	13.725	225	62436	53.340	ug/l	98
95) Naphthalene	13.774	128	396204	57.039	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	135533	56.576	ug/l	96

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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

