

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041338.D
 Acq On : 01 May 2024 20:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 03:18:03 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 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179001	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	251917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100956	51.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.620%			
35) Dibromofluoromethane	5.385	113	82332	48.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.460%			
50) Toluene-d8	8.647	98	326423	60.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 120.820%#			
62) 4-Bromofluorobenzene	11.079	95	109308	52.259	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	91259	62.045	ug/l	98
3) Chloromethane	1.301	50	82509	54.211	ug/l	97
4) Vinyl Chloride	1.374	62	94898	65.406	ug/l	100
5) Bromomethane	1.599	94	50525	55.548	ug/l	94
6) Chloroethane	1.666	64	43269	64.229	ug/l	93
7) Trichlorofluoromethane	1.867	101	152204	60.835	ug/l	98
8) Diethyl Ether	2.136	74	53515	60.686	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	92121	65.512	ug/l #	86
10) Methyl Iodide	2.447	142	99362	65.654	ug/l	90
11) Tert butyl alcohol	3.008	59	107896	276.634	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	89254	64.345	ug/l	85
13) Acrolein	2.239	56	70858	229.002	ug/l	100
14) Allyl chloride	2.660	41	151446	64.986	ug/l	96
15) Acrylonitrile	3.068	53	270371	303.729	ug/l	99
16) Acetone	2.392	43	238239	278.066	ug/l	97
17) Carbon Disulfide	2.502	76	209331	64.198	ug/l	100
18) Methyl Acetate	2.709	43	148915	74.693	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	310486	61.402	ug/l	97
20) Methylene Chloride	2.788	84	100064	59.149	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	94386	60.888	ug/l	88
22) Diisopropyl ether	3.770	45	297811	60.298	ug/l #	82
23) Vinyl Acetate	3.721	43	1359215	307.648	ug/l	96
24) 1,1-Dichloroethane	3.605	63	169294	60.673	ug/l	97
25) 2-Butanone	4.568	43	395010	313.194	ug/l	96
26) 2,2-Dichloropropane	4.471	77	123064	52.751	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	112030	61.038	ug/l	88
28) Bromochloromethane	4.904	49	53655	53.880	ug/l #	75
29) Tetrahydrofuran	5.013	42	256901	311.455	ug/l	96
30) Chloroform	5.086	83	165099	56.873	ug/l	99
31) Cyclohexane	5.464	56	126909	53.961	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	145273	55.005	ug/l	98
36) 1,1-Dichloropropene	5.690	75	105636	51.748	ug/l	95
37) Ethyl Acetate	4.721	43	156126	61.296	ug/l	99
38) Carbon Tetrachloride	5.672	117	127452	54.500	ug/l	99
39) Methylcyclohexane	7.379	83	131898	54.998	ug/l	89
40) Benzene	6.037	78	344620	54.763	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	84273	64.285	ug/l	95
42) 1,2-Dichloroethane	6.086	62	125878	54.580	ug/l	96
43) Isopropyl Acetate	6.348	43	206384	53.891	ug/l	98
44) Trichloroethene	7.123	130	93178	56.073	ug/l	84
45) 1,2-Dichloropropane	7.427	63	78338	55.716	ug/l	95
46) Dibromomethane	7.580	93	60771	54.294	ug/l #	76
47) Bromodichloromethane	7.824	83	117074	58.696	ug/l	98
48) Methyl methacrylate	7.696	41	101448	57.787	ug/l	94
49) 1,4-Dioxane	7.665	88	43395	1143.303	ug/l #	72
51) 4-Methyl-2-Pentanone	8.574	43	783561	340.975	ug/l	98
52) Toluene	8.714	92	238294	61.901	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	134462	68.040	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135749	61.907	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	98214	66.249	ug/l	98
56) Ethyl methacrylate	9.116	69	162289	70.733	ug/l	96
57) 1,3-Dichloropropane	9.305	76	160555	64.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	364292	327.456	ug/l	92
59) 2-Hexanone	9.433	43	614501	334.412	ug/l	96
60) Dibromochloromethane	9.519	129	117468	67.307	ug/l	99
61) 1,2-Dibromoethane	9.610	107	105050	64.409	ug/l	99
64) Tetrachloroethene	9.275	164	119181	61.365	ug/l	90
65) Chlorobenzene	10.079	112	287135	52.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	100667	52.327	ug/l	98
67) Ethyl Benzene	10.195	91	467236	52.013	ug/l	96
68) m/p-Xylenes	10.299	106	372438	103.534	ug/l	92
69) o-Xylene	10.640	106	169589	49.237	ug/l	94
70) Styrene	10.652	104	285524	50.518	ug/l	96
71) Bromoform	10.799	173	88836	51.598	ug/l #	99
73) Isopropylbenzene	10.963	105	422838	46.762	ug/l	97
74) N-amyl acetate	10.841	43	207949	52.639	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	149065	50.309	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125138m	51.836	ug/l	
77) Bromobenzene	11.195	156	128315	50.278	ug/l	78
78) n-propylbenzene	11.305	91	514775	54.204	ug/l	96
79) 2-Chlorotoluene	11.366	91	319692	52.236	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	397855	53.974	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	43356	48.919	ug/l	95
82) 4-Chlorotoluene	11.451	91	370584	53.337	ug/l	93
83) tert-Butylbenzene	11.713	119	415933	52.693	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	400578	54.008	ug/l	93
85) sec-Butylbenzene	11.890	105	495473	54.772	ug/l	95
86) p-Isopropyltoluene	12.006	119	440661	54.240	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	246843	53.213	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	248060	51.904	ug/l	94
89) n-Butylbenzene	12.329	91	348262	53.309	ug/l	97
90) Hexachloroethane	12.536	117	73932	54.415	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	251774	51.386	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38105	55.654	ug/l #	57
93) 1,2,4-Trichlorobenzene	13.585	180	164931	48.157	ug/l	94
94) Hexachlorobutadiene	13.725	225	73400	42.917	ug/l	100
95) Naphthalene	13.774	128	497259	48.994	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	168927	48.261	ug/l	95

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

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