

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041364.D
 Acq On : 02 May 2024 19:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 03 01:45:05 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	197073	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	285448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109103	50.854	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.700%		
35) Dibromofluoromethane	5.385	113	85831	44.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.740%		
50) Toluene-d8	8.647	98	309091	50.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.960%		
62) 4-Bromofluorobenzene	11.079	95	122156	51.541	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	85344	52.703	ug/l	95
3) Chloromethane	1.301	50	78407	46.792	ug/l	98
4) Vinyl Chloride	1.374	62	80897	50.643	ug/l	99
5) Bromomethane	1.593	94	52128	52.055	ug/l	98
6) Chloroethane	1.666	64	41476	55.922	ug/l	96
7) Trichlorofluoromethane	1.867	101	128080	46.498	ug/l	99
8) Diethyl Ether	2.136	74	52603	54.182	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	73199	47.282	ug/l #	86
10) Methyl Iodide	2.447	142	89423	53.669	ug/l	89
11) Tert butyl alcohol	3.001	59	108410	252.463	ug/l #	91
12) 1,1-Dichloroethene	2.306	96	72945	47.765	ug/l	88
13) Acrolein	2.239	56	104562	306.940	ug/l	98
14) Allyl chloride	2.660	41	125414	48.880	ug/l	98
15) Acrylonitrile	3.068	53	239548	244.426	ug/l	99
16) Acetone	2.392	43	218897	231.404	ug/l	94
17) Carbon Disulfide	2.502	76	164422	45.801	ug/l	100
18) Methyl Acetate	2.709	43	105329	47.986	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	260919	46.868	ug/l	99
20) Methylene Chloride	2.788	84	82667	44.385	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	76296	44.704	ug/l	88
22) Diisopropyl ether	3.763	45	248553	45.710	ug/l	93
23) Vinyl Acetate	3.721	43	1195145	245.706	ug/l	96
24) 1,1-Dichloroethane	3.605	63	138791	45.180	ug/l	97
25) 2-Butanone	4.568	43	351387	253.057	ug/l	95
26) 2,2-Dichloropropane	4.471	77	108543	42.260	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	94878	46.952	ug/l	89
28) Bromochloromethane	4.897	49	46941	42.815	ug/l #	74
29) Tetrahydrofuran	5.007	42	226772	249.716	ug/l	95
30) Chloroform	5.093	83	151514	47.407	ug/l	96
31) Cyclohexane	5.464	56	126129	48.711	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	142380	48.966	ug/l	97
36) 1,1-Dichloropropene	5.690	75	109044	47.143	ug/l	96
37) Ethyl Acetate	4.721	43	134829	46.716	ug/l	100
38) Carbon Tetrachloride	5.672	117	130115	49.103	ug/l	99
39) Methylcyclohexane	7.379	83	136548	50.249	ug/l	91
40) Benzene	6.037	78	356655	50.018	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70905	47.734	ug/l	95
42) 1,2-Dichloroethane	6.086	62	133873	51.228	ug/l	95
43) Isopropyl Acetate	6.342	43	242086	55.788	ug/l	97
44) Trichloroethene	7.123	130	99845	53.027	ug/l	86
45) 1,2-Dichloropropane	7.427	63	87230	54.752	ug/l	100
46) Dibromomethane	7.580	93	68612	54.099	ug/l #	76
47) Bromodichloromethane	7.824	83	131357	58.121	ug/l	96
48) Methyl methacrylate	7.696	41	119518	60.083	ug/l	94
49) 1,4-Dioxane	7.665	88	52931	1230.728	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	803001	308.387	ug/l	97
52) Toluene	8.720	92	230774	52.906	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	134022	59.851	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	143014	57.559	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	97658	58.136	ug/l	97
56) Ethyl methacrylate	9.116	69	160384	61.692	ug/l	97
57) 1,3-Dichloropropane	9.305	76	156186	55.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	377913	299.796	ug/l	93
59) 2-Hexanone	9.433	43	632917	303.974	ug/l	96
60) Dibromochloromethane	9.519	129	116139	58.728	ug/l	100
61) 1,2-Dibromoethane	9.610	107	103940	56.243	ug/l	98
64) Tetrachloroethene	9.275	164	95131	50.562	ug/l	89
65) Chlorobenzene	10.079	112	272647	51.691	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	100310	53.823	ug/l	98
67) Ethyl Benzene	10.195	91	437463	50.270	ug/l	98
68) m/p-Xylenes	10.299	106	349799	100.377	ug/l	91
69) o-Xylene	10.640	106	175593	52.625	ug/l	93
70) Styrene	10.652	104	298257	54.473	ug/l	95
71) Bromoform	10.799	173	98925	59.311	ug/l #	100
73) Isopropylbenzene	10.963	105	446166	50.496	ug/l	97
74) N-amyl acetate	10.841	43	215530	55.833	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	158852	54.866	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	130115m	55.158	ug/l	
77) Bromobenzene	11.195	156	131786	52.846	ug/l	79
78) n-propylbenzene	11.305	91	487612	52.544	ug/l	95
79) 2-Chlorotoluene	11.366	91	305616	51.104	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	374261	51.960	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	48242	55.705	ug/l	94
82) 4-Chlorotoluene	11.451	91	348398	51.317	ug/l	92
83) tert-Butylbenzene	11.713	119	396137	51.358	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	384922	53.111	ug/l	94
85) sec-Butylbenzene	11.890	105	470146	53.188	ug/l	95
86) p-Isopropyltoluene	12.006	119	419857	52.888	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	238939	52.714	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	239431	51.270	ug/l	95
89) n-Butylbenzene	12.329	91	330103	51.711	ug/l	97
90) Hexachloroethane	12.536	117	70261	52.923	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	242864	50.727	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39238	58.649	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	173932	51.973	ug/l	96
94) Hexachlorobutadiene	13.725	225	80987	48.460	ug/l	100
95) Naphthalene	13.774	128	560219	56.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177734	51.965	ug/l	95

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

