

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041313.D
 Acq On : 01 May 2024 09:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 02 03:04:22 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	210688	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	302547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	121214	52.848	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.700%			
35) Dibromofluoromethane	5.379	113	101590	49.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.100%			
50) Toluene-d8	8.647	98	351304	54.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.280%			
62) 4-Bromofluorobenzene	11.079	95	134004	53.345	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	101411	58.578	ug/l	99
3) Chloromethane	1.300	50	97074	54.188	ug/l	97
4) Vinyl Chloride	1.374	62	100576	58.894	ug/l	98
5) Bromomethane	1.599	94	53214	49.706	ug/l	97
6) Chloroethane	1.666	64	40219	50.723	ug/l	99
7) Trichlorofluoromethane	1.861	101	148448	50.410	ug/l	99
8) Diethyl Ether	2.136	74	54544	52.550	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.312	101	78996	47.729	ug/l	# 87
10) Methyl Iodide	2.440	142	81203	45.586	ug/l	90
11) Tert butyl alcohol	3.026	59	109287	238.059	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	77825	47.667	ug/l	86
13) Acrolein	2.239	56	81773	224.531	ug/l	99
14) Allyl chloride	2.654	41	125744	45.842	ug/l	96
15) Acrylonitrile	3.068	53	240479	229.519	ug/l	99
16) Acetone	2.392	43	227415	224.761	ug/l	96
17) Carbon Disulfide	2.501	76	177753	46.315	ug/l	99
18) Methyl Acetate	2.709	43	109263	46.562	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	274648	46.146	ug/l	100
20) Methylene Chloride	2.782	84	86048	43.214	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	80226	43.970	ug/l	88
22) Diisopropyl ether	3.763	45	265309	45.638	ug/l	90
23) Vinyl Acetate	3.721	43	1220249	234.655	ug/l	95
24) 1,1-Dichloroethane	3.605	63	147166	44.810	ug/l	96
25) 2-Butanone	4.568	43	392093	264.125	ug/l	96
26) 2,2-Dichloropropane	4.471	77	87462	31.852	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	106840	49.455	ug/l	88
28) Bromochloromethane	4.891	49	56435	48.149	ug/l	# 76
29) Tetrahydrofuran	5.013	42	271955	280.119	ug/l	96
30) Chloroform	5.092	83	183751	53.778	ug/l	98
31) Cyclohexane	5.458	56	147808	53.395	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	165670	53.294	ug/l	97
36) 1,1-Dichloropropene	5.684	75	123123	50.221	ug/l	96
37) Ethyl Acetate	4.714	43	158088	51.680	ug/l	99
38) Carbon Tetrachloride	5.672	117	144892	51.590	ug/l	99
39) Methylcyclohexane	7.373	83	155756	54.078	ug/l	92
40) Benzene	6.031	78	388792	51.443	ug/l	98

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Quant Time: May 02 03:04:22 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)
41) Methacrylonitrile	4.922	41	84215	53.490	ug/l	96
42) 1,2-Dichloroethane	6.080	62	144494	52.167	ug/l	96
43) Isopropyl Acetate	6.342	43	246706	53.640	ug/l	97
44) Trichloroethene	7.123	130	109834	55.035	ug/l	88
45) 1,2-Dichloropropane	7.427	63	93184	55.184	ug/l	97
46) Dibromomethane	7.580	93	72924	54.249	ug/l #	76
47) Bromodichloromethane	7.818	83	137857	57.550	ug/l	99
48) Methyl methacrylate	7.696	41	124177	58.897	ug/l	94
49) 1,4-Dioxane	7.671	88	57699	1265.769	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	810288	293.599	ug/l	98
52) Toluene	8.714	92	251567	54.413	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	130662	55.053	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	143499	54.490	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	101550	57.036	ug/l	98
56) Ethyl methacrylate	9.116	69	167830	60.907	ug/l	96
57) 1,3-Dichloropropane	9.305	76	165367	55.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	383533	287.059	ug/l	93
59) 2-Hexanone	9.433	43	630340	285.626	ug/l	97
60) Dibromochloromethane	9.518	129	119760	57.137	ug/l	99
61) 1,2-Dibromoethane	9.610	107	108693	55.490	ug/l	99
64) Tetrachloroethene	9.269	164	109453	54.992	ug/l	92
65) Chlorobenzene	10.079	112	289233	51.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	98358	49.890	ug/l	98
67) Ethyl Benzene	10.195	91	456705	49.611	ug/l	98
68) m/p-Xylenes	10.299	106	368394	99.932	ug/l	93
69) o-Xylene	10.640	106	189971	53.820	ug/l	93
70) Styrene	10.652	104	319518	55.165	ug/l	96
71) Bromoform	10.799	173	98879	56.041	ug/l #	99
73) Isopropylbenzene	10.963	105	487369	58.144	ug/l	96
74) N-amyl acetate	10.841	43	221450	60.471	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	163293	59.452	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	132701m	59.298	ug/l	
77) Bromobenzene	11.195	156	141686	59.890	ug/l	79
78) n-propylbenzene	11.305	91	536272	60.914	ug/l	96
79) 2-Chlorotoluene	11.360	91	320045	56.413	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	374777	54.847	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	42889	52.204	ug/l	96
82) 4-Chlorotoluene	11.451	91	346889	53.859	ug/l	92
83) tert-Butylbenzene	11.713	119	375568	51.326	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	368784	53.638	ug/l	95
85) sec-Butylbenzene	11.890	105	469773	56.021	ug/l	94
86) p-Isopropyltoluene	12.006	119	407175	54.065	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	217937	50.682	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	229725	51.853	ug/l	95
89) n-Butylbenzene	12.329	91	313830	51.822	ug/l	97
90) Hexachloroethane	12.536	117	65258	51.814	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	220905	48.637	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38710	60.991	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	189250	59.610	ug/l	96
94) Hexachlorobutadiene	13.725	225	86218	54.382	ug/l	99
95) Naphthalene	13.774	128	583168	61.984	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	193864	59.747	ug/l	95

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

