

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041840.D
 Acq On : 13 Jun 2024 08:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2024
 Supervised By : Semsettin Yesilyurt 06/14/2024

Quant Time: Jun 14 00:51:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	227621	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	325617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	169472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115062	41.216	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.440%		
35) Dibromofluoromethane	5.379	113	103925	46.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.320%		
50) Toluene-d8	8.647	98	374954	47.666	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.079	95	145412	50.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	87119	43.558	ug/l	97
3) Chloromethane	1.295	50	99575	45.630	ug/l	98
4) Vinyl Chloride	1.374	62	104279	46.419	ug/l	100
5) Bromomethane	1.599	94	56411	36.056	ug/l	97
6) Chloroethane	1.666	64	53439	39.357	ug/l	95
7) Trichlorofluoromethane	1.874	101	154897	42.224	ug/l	99
8) Diethyl Ether	2.136	74	64320	45.493	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	98386	47.331	ug/l	86
10) Methyl Iodide	2.447	142	123738	47.737	ug/l	# 86
11) Tert butyl alcohol	2.995	59	118814	240.587	ug/l	# 93
12) 1,1-Dichloroethene	2.313	96	93751	46.205	ug/l	83
13) Acrolein	2.240	56	105256	228.907	ug/l	97
14) Allyl chloride	2.660	41	164602	49.311	ug/l	90
15) Acrylonitrile	3.069	53	295784	244.221	ug/l	98
16) Acetone	2.386	43	297699	246.891	ug/l	90
17) Carbon Disulfide	2.502	76	191649	42.697	ug/l	100
18) Methyl Acetate	2.703	43	142366	53.408	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	314343	46.305	ug/l	99
20) Methylene Chloride	2.788	84	108931	43.602	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	96493	45.836	ug/l	89
22) Diisopropyl ether	3.758	45	325852	47.766	ug/l	94
23) Vinyl Acetate	3.721	43	1430911	233.482	ug/l	95
24) 1,1-Dichloroethane	3.605	63	178481	46.269	ug/l	97
25) 2-Butanone	4.556	43	423540	244.106	ug/l	95
26) 2,2-Dichloropropane	4.471	77	142475	45.018	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	120279	47.796	ug/l	88
28) Bromochloromethane	4.891	49	75749	45.594	ug/l	# 81
29) Tetrahydrofuran	5.007	42	263084	240.429	ug/l	96
30) Chloroform	5.087	83	185231	45.736	ug/l	98
31) Cyclohexane	5.458	56	152186	46.174	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	159536	44.951	ug/l	97
36) 1,1-Dichloropropene	5.684	75	123430	45.279	ug/l	96
37) Ethyl Acetate	4.715	43	153939	44.747	ug/l	98
38) Carbon Tetrachloride	5.672	117	136516	44.079	ug/l	99
39) Methylcyclohexane	7.373	83	163629	48.859	ug/l	93
40) Benzene	6.032	78	408798	47.978	ug/l	99

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41) Methacrylonitrile	4.922	41	85464	50.796	ug/l	93
42) 1,2-Dichloroethane	6.080	62	133555	41.987	ug/l	93
43) Isopropyl Acetate	6.336	43	237386	45.703	ug/l	96
44) Trichloroethene	7.117	130	109808	47.385	ug/l	89
45) 1,2-Dichloropropane	7.428	63	101038	49.874	ug/l	98
46) Dibromomethane	7.574	93	72637	46.747	ug/l #	79
47) Bromodichloromethane	7.818	83	138105	48.001	ug/l	99
48) Methyl methacrylate	7.690	41	118675	47.578	ug/l	87
49) 1,4-Dioxane	7.665	88	56668	1039.781	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	814547	241.841	ug/l	95
52) Toluene	8.714	92	264066	48.834	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	141441	49.943	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	158373	50.551	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	107449	49.294	ug/l	96
56) Ethyl methacrylate	9.116	69	174336	52.399	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	174992	48.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	400344	255.588	ug/l	95
59) 2-Hexanone	9.433	43	645379	251.330	ug/l	93
60) Dibromochloromethane	9.519	129	123501	51.074	ug/l	98
61) 1,2-Dibromoethane	9.610	107	111637	48.525	ug/l	99
64) Tetrachloroethene	9.269	164	107692	47.676	ug/l	93
65) Chlorobenzene	10.080	112	304571	47.088	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	109491	48.784	ug/l	100
67) Ethyl Benzene	10.189	91	498656	48.376	ug/l	99
68) m/p-Xylenes	10.299	106	402560	98.168	ug/l	91
69) o-Xylene	10.640	106	197944	48.522	ug/l	92
70) Styrene	10.653	104	345141	51.223	ug/l	94
71) Bromoform	10.799	173	98990	50.644	ug/l #	99
73) Isopropylbenzene	10.964	105	511823	48.688	ug/l	96
74) N-amyl acetate	10.842	43	223786	48.056	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	175249	46.975	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	143874m	48.657	ug/l	
77) Bromobenzene	11.195	156	145721	46.961	ug/l	80
78) n-propylbenzene	11.305	91	572303	49.579	ug/l	96
79) 2-Chlorotoluene	11.360	91	354251	47.746	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	432459	49.271	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	54717	50.434	ug/l	89
82) 4-Chlorotoluene	11.451	91	405620	48.055	ug/l	93
83) tert-Butylbenzene	11.713	119	464165	49.094	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	441079	49.599	ug/l	92
85) sec-Butylbenzene	11.890	105	550666	50.803	ug/l	96
86) p-Isopropyltoluene	12.006	119	483734	50.885	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	266470	48.084	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	270301	47.317	ug/l	96
89) n-Butylbenzene	12.329	91	391378	52.006	ug/l	97
90) Hexachloroethane	12.536	117	79816	49.364	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	271075	48.022	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36532	48.471	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	184528	49.601	ug/l	95
94) Hexachlorobutadiene	13.725	225	89626	48.627	ug/l	99
95) Naphthalene	13.774	128	550907	50.182	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	188856	49.326	ug/l	96

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

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