

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042081.D
 Acq On : 28 Jun 2024 12:50
 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 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 29 04:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	192205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	268664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105167	47.450	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.379	113	103042	54.053	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.100%		
50) Toluene-d8	8.647	98	353039	52.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.440%		
62) 4-Bromofluorobenzene	11.079	95	136907	55.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89003	60.782	ug/l	96
3) Chloromethane	1.300	50	92596	50.406	ug/l	99
4) Vinyl Chloride	1.374	62	94260	51.189	ug/l	100
5) Bromomethane	1.599	94	52027	57.217	ug/l	98
6) Chloroethane	1.666	64	41446	54.417	ug/l	99
7) Trichlorofluoromethane	1.867	101	126438	52.408	ug/l	99
8) Diethyl Ether	2.136	74	54121	47.790	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.312	101	91068	54.797	ug/l #	85
10) Methyl Iodide	2.441	142	113186	54.795	ug/l #	86
11) Tert butyl alcohol	3.001	59	91258	216.956	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	90813	54.780	ug/l #	80
13) Acrolein	2.239	56	91127	193.268	ug/l	99
14) Allyl chloride	2.654	41	135158	51.408	ug/l #	87
15) Acrylonitrile	3.068	53	253342	230.587	ug/l	98
16) Acetone	2.392	43	252298	259.243	ug/l #	86
17) Carbon Disulfide	2.501	76	210322	62.222	ug/l	99
18) Methyl Acetate	2.709	43	105107	39.590	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	280182	51.158	ug/l	99
20) Methylene Chloride	2.782	84	97672	45.834	ug/l	86
21) trans-1,2-Dichloroethene	3.081	96	91348	54.293	ug/l	86
22) Diisopropyl ether	3.763	45	274464	49.388	ug/l #	84
23) Vinyl Acetate	3.721	43	1242003	261.692	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	158144	50.815	ug/l	97
25) 2-Butanone	4.562	43	362606	239.490	ug/l	92
26) 2,2-Dichloropropane	4.465	77	131102	58.172	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	110504	52.440	ug/l	85
28) Bromochloromethane	4.897	49	57038	42.790	ug/l #	69
29) Tetrahydrofuran	5.007	42	222923	227.975	ug/l	93
30) Chloroform	5.086	83	163364	50.385	ug/l	96
31) Cyclohexane	5.458	56	141377	54.544	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	144701	53.410	ug/l	94
36) 1,1-Dichloropropene	5.684	75	113880	56.256	ug/l	95
37) Ethyl Acetate	4.721	43	132348	50.189	ug/l	97
38) Carbon Tetrachloride	5.666	117	128943	57.650	ug/l	99
39) Methylcyclohexane	7.373	83	155491	60.736	ug/l	90
40) Benzene	6.031	78	367871	53.882	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	71486	50.010	ug/l	91
42) 1,2-Dichloroethane	6.080	62	112815	51.299	ug/l	90
43) Isopropyl Acetate	6.342	43	200977	49.653	ug/l #	92
44) Trichloroethene	7.123	130	103715	56.673	ug/l	85
45) 1,2-Dichloropropane	7.427	63	88310	52.605	ug/l	100
46) Dibromomethane	7.580	93	65026	53.162	ug/l #	75
47) Bromodichloromethane	7.818	83	122636	54.609	ug/l	98
48) Methyl methacrylate	7.696	41	99358	51.435	ug/l #	83
49) 1,4-Dioxane	7.665	88	45312m	888.764	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	669831	240.240	ug/l	94
52) Toluene	8.714	92	239425	55.071	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	127379	53.468	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	143435	58.339	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	94662	52.267	ug/l	98
56) Ethyl methacrylate	9.116	69	153743	54.566	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	153172	52.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	337792	257.264	ug/l	91
59) 2-Hexanone	9.433	43	528104	247.298	ug/l	91
60) Dibromochloromethane	9.518	129	110936	56.390	ug/l	99
61) 1,2-Dibromoethane	9.610	107	99817	53.143	ug/l	98
64) Tetrachloroethene	9.269	164	101251	56.750	ug/l	87
65) Chlorobenzene	10.079	112	274596	53.881	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	98323	55.105	ug/l	99
67) Ethyl Benzene	10.189	91	447788	56.066	ug/l	98
68) m/p-Xylenes	10.299	106	365057	113.228	ug/l	90
69) o-Xylene	10.640	106	179982	56.386	ug/l	90
70) Styrene	10.652	104	305404	57.058	ug/l	94
71) Bromoform	10.799	173	92055	53.260	ug/l #	99
73) Isopropylbenzene	10.963	105	460934	54.938	ug/l	96
74) N-amyl acetate	10.841	43	187789	50.388	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	150760	48.326	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118954m	47.487	ug/l	
77) Bromobenzene	11.195	156	133303	53.347	ug/l	77
78) n-propylbenzene	11.305	91	509906	56.013	ug/l	95
79) 2-Chlorotoluene	11.366	91	309001	52.684	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	385965	55.230	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	47761	54.147	ug/l #	84
82) 4-Chlorotoluene	11.451	91	354580	54.687	ug/l	91
83) tert-Butylbenzene	11.713	119	413749	53.958	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	392500	55.983	ug/l	92
85) sec-Butylbenzene	11.890	105	487138	56.166	ug/l	95
86) p-Isopropyltoluene	12.006	119	437284	57.717	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	239395	54.506	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	242130	53.730	ug/l	95
89) n-Butylbenzene	12.329	91	346555	59.422	ug/l	97
90) Hexachloroethane	12.536	117	72376	56.111	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	241567	53.750	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32162	52.023	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.585	180	175454	59.594	ug/l	96
94) Hexachlorobutadiene	13.725	225	85946	57.730	ug/l	98
95) Naphthalene	13.774	128	515024	52.029	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178359	57.441	ug/l	96

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

