

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041918.D
 Acq On : 18 Jun 2024 13:07
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061824

Quant Time: Jun 19 08:08:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	184186	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	264222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91776	43.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.420%		
35) Dibromofluoromethane	5.385	113	84282	44.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.920%		
50) Toluene-d8	8.647	98	303450	46.073	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.140%		
62) 4-Bromofluorobenzene	11.079	95	118020	48.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70697	50.383	ug/l	100
3) Chloromethane	1.307	50	82523	46.878	ug/l	96
4) Vinyl Chloride	1.374	62	85451	48.425	ug/l	100
5) Bromomethane	1.593	94	42436	48.701	ug/l	98
6) Chloroethane	1.660	64	39710	54.407	ug/l	97
7) Trichlorofluoromethane	1.867	101	110027	47.591	ug/l	99
8) Diethyl Ether	2.136	74	54363	50.093	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.312	101	81162	50.962	ug/l #	85
10) Methyl Iodide	2.440	142	98551	49.787	ug/l #	87
11) Tert butyl alcohol	3.007	59	107527	266.764	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	78508	49.419	ug/l #	78
13) Acrolein	2.239	56	112645	249.306	ug/l	97
14) Allyl chloride	2.654	41	128514	51.009	ug/l	89
15) Acrylonitrile	3.068	53	282193	268.029	ug/l	98
16) Acetone	2.398	43	242794	260.339	ug/l #	89
17) Carbon Disulfide	2.495	76	156737	48.388	ug/l	99
18) Methyl Acetate	2.709	43	140133	55.082	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	278785	53.119	ug/l	99
20) Methylene Chloride	2.782	84	93338	45.707	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	79552	49.341	ug/l	87
22) Diisopropyl ether	3.769	45	274585	51.560	ug/l #	81
23) Vinyl Acetate	3.721	43	1232347	270.962	ug/l #	95
24) 1,1-Dichloroethane	3.605	63	150691	50.528	ug/l	97
25) 2-Butanone	4.568	43	388780	267.957	ug/l	94
26) 2,2-Dichloropropane	4.471	77	117289	54.309	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	102527	50.773	ug/l	87
28) Bromochloromethane	4.897	49	59532	46.605	ug/l #	75
29) Tetrahydrofuran	5.013	42	253114	270.120	ug/l	95
30) Chloroform	5.092	83	156903	50.499	ug/l	95
31) Cyclohexane	5.458	56	121582	48.949	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	133626	51.470	ug/l	96
36) 1,1-Dichloropropene	5.690	75	102393	51.432	ug/l	95
37) Ethyl Acetate	4.721	43	145049	55.931	ug/l	98
38) Carbon Tetrachloride	5.665	117	114551	52.077	ug/l	97
39) Methylcyclohexane	7.379	83	133796	53.140	ug/l	92
40) Benzene	6.031	78	339749	50.600	ug/l	100

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41) Methacrylonitrile	4.928	41	80390	57.184	ug/l	93
42) 1,2-Dichloroethane	6.086	62	112081	51.822	ug/l	91
43) Isopropyl Acetate	6.348	43	219545	55.152	ug/l	94
44) Trichloroethene	7.123	130	93259	51.816	ug/l	88
45) 1,2-Dichloropropane	7.427	63	86669	52.495	ug/l	98
46) Dibromomethane	7.580	93	64401	53.536	ug/l #	77
47) Bromodichloromethane	7.824	83	119382	54.054	ug/l	97
48) Methyl methacrylate	7.696	41	108129	56.917	ug/l	86
49) 1,4-Dioxane	7.665	88	53864	1070.108	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	768358	280.210	ug/l	94
52) Toluene	8.720	92	225598	52.763	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	123952	52.928	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	137172	56.730	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	95987	53.890	ug/l	96
56) Ethyl methacrylate	9.116	69	160636	57.971	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	155670	54.095	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	351299	272.049	ug/l	93
59) 2-Hexanone	9.433	43	597978	284.725	ug/l	92
60) Dibromochloromethane	9.518	129	109663	56.680	ug/l	99
61) 1,2-Dibromoethane	9.610	107	100551	54.434	ug/l	100
64) Tetrachloroethene	9.275	164	90474	50.551	ug/l	90
65) Chlorobenzene	10.079	112	267157	52.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	96526	53.928	ug/l	99
67) Ethyl Benzene	10.195	91	431135	53.812	ug/l	98
68) m/p-Xylenes	10.299	106	348816	107.853	ug/l	90
69) o-Xylene	10.640	106	173237	54.103	ug/l	92
70) Styrene	10.652	104	300672	55.998	ug/l	94
71) Bromoform	10.799	173	92921	53.573	ug/l #	100
73) Isopropylbenzene	10.963	105	442167	52.624	ug/l	97
74) N-amyl acetate	10.841	43	204122	54.691	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	159795	51.147	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	127551m	50.844	ug/l	
77) Bromobenzene	11.195	156	130133	52.002	ug/l	78
78) n-propylbenzene	11.305	91	490244	53.774	ug/l	95
79) 2-Chlorotoluene	11.366	91	303984	51.752	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	375618	53.671	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	49403	55.926	ug/l	87
82) 4-Chlorotoluene	11.457	91	350490	53.977	ug/l	92
83) tert-Butylbenzene	11.713	119	416314	54.213	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	384649	54.782	ug/l	93
85) sec-Butylbenzene	11.890	105	480065	55.270	ug/l	95
86) p-Isopropyltoluene	12.006	119	423893	55.868	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	236746	53.824	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	238301	52.926	ug/l	95
89) n-Butylbenzene	12.335	91	340627	58.320	ug/l	97
90) Hexachloroethane	12.536	117	69259	53.616	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	239161	53.136	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35129	56.739	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	168820	57.257	ug/l	96
94) Hexachlorobutadiene	13.725	225	83551	56.039	ug/l	98
95) Naphthalene	13.774	128	528301	53.274	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	174345	56.066	ug/l	94

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

