

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042019.D
 Acq On : 25 Jun 2024 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 26 05:31:24 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/26/2024
 Supervised By : Mahesh Dadoda 06/26/2024

Supervised By : Mahesh
 Dadoda
 06/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179037	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	251455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91537	44.338	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.680%		
35) Dibromofluoromethane	5.379	113	87497	49.040	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.080%		
50) Toluene-d8	8.647	98	303326	48.393	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.780%		
62) 4-Bromofluorobenzene	11.079	95	118562	51.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	64024	46.939	ug/l	99
3) Chloromethane	1.301	50	70767	41.356	ug/l	96
4) Vinyl Chloride	1.374	62	74974	43.710	ug/l	98
5) Bromomethane	1.599	94	41810	49.363	ug/l	95
6) Chloroethane	1.666	64	39702	56.054	ug/l	99
7) Trichlorofluoromethane	1.868	101	108526	48.292	ug/l	99
8) Diethyl Ether	2.136	74	49528	46.951	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	80539	52.026	ug/l	86
10) Methyl Iodide	2.447	142	93804	48.752	ug/l	# 85
11) Tert butyl alcohol	2.995	59	90426	230.790	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	73852	47.825	ug/l	85
13) Acrolein	2.239	56	99948	227.567	ug/l	98
14) Allyl chloride	2.660	41	122645	50.079	ug/l	88
15) Acrylonitrile	3.069	53	243135	237.573	ug/l	97
16) Acetone	2.392	43	236005	260.338	ug/l	90
17) Carbon Disulfide	2.502	76	132438	42.062	ug/l	100
18) Methyl Acetate	2.709	43	132033	53.390	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	264979	51.940	ug/l	100
20) Methylene Chloride	2.782	84	87870	44.267	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	75857	48.402	ug/l	85
22) Diisopropyl ether	3.764	45	264792	51.152	ug/l	# 82
23) Vinyl Acetate	3.721	43	1126184	254.741	ug/l	# 95
24) 1,1-Dichloroethane	3.605	63	147748	50.966	ug/l	95
25) 2-Butanone	4.562	43	354871	251.620	ug/l	95
26) 2,2-Dichloropropane	4.465	77	120179	57.247	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	98579	50.222	ug/l	87
28) Bromochloromethane	4.897	49	61130	49.233	ug/l	# 76
29) Tetrahydrofuran	5.007	42	214937	235.975	ug/l	94
30) Chloroform	5.086	83	155540	51.501	ug/l	99
31) Cyclohexane	5.458	56	115605	47.881	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	133052	52.723	ug/l	96
36) 1,1-Dichloropropene	5.684	75	96944	51.167	ug/l	94
37) Ethyl Acetate	4.715	43	126214	51.139	ug/l	98
38) Carbon Tetrachloride	5.666	117	114115	54.512	ug/l	96
39) Methylcyclohexane	7.373	83	126523	52.803	ug/l	91
40) Benzene	6.031	78	326731	51.132	ug/l	100

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41) Methacrylonitrile	4.922	41	71697	53.590	ug/l	92
42) 1,2-Dichloroethane	6.080	62	105798	51.401	ug/l	91
43) Isopropyl Acetate	6.342	43	195730	51.666	ug/l #	94
44) Trichloroethene	7.123	130	89522	52.265	ug/l	87
45) 1,2-Dichloropropane	7.427	63	83642	53.234	ug/l	99
46) Dibromomethane	7.580	93	60404	52.763	ug/l #	78
47) Bromodichloromethane	7.818	83	115640	55.018	ug/l	96
48) Methyl methacrylate	7.696	41	96801	53.541	ug/l #	85
49) 1,4-Dioxane	7.665	88	41304m	866.115	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	678100	259.850	ug/l	94
52) Toluene	8.714	92	215416	52.940	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	118318	53.080	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	131312	57.064	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	93122	54.935	ug/l	97
56) Ethyl methacrylate	9.116	69	145663	55.236	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	145787	53.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	324300	263.892	ug/l	93
59) 2-Hexanone	9.433	43	532876	266.610	ug/l	91
60) Dibromochloromethane	9.519	129	103893	56.424	ug/l	100
61) 1,2-Dibromoethane	9.610	107	94443	53.723	ug/l	99
64) Tetrachloroethene	9.269	164	86536	51.253	ug/l	93
65) Chlorobenzene	10.079	112	255057	52.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92906	55.022	ug/l	99
67) Ethyl Benzene	10.195	91	410715	54.341	ug/l	98
68) m/p-Xylenes	10.299	106	331563	108.673	ug/l	91
69) o-Xylene	10.640	106	163996	54.292	ug/l	92
70) Styrene	10.653	104	283742	56.017	ug/l	94
71) Bromoform	10.799	173	84972	52.025	ug/l #	98
73) Isopropylbenzene	10.963	105	427780	53.603	ug/l	97
74) N-amyl acetate	10.842	43	180212	50.836	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	148276	49.968	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	120627m	50.626	ug/l	
77) Bromobenzene	11.195	156	121606	51.163	ug/l	79
78) n-propylbenzene	11.305	91	476712	55.053	ug/l	95
79) 2-Chlorotoluene	11.360	91	293332	52.578	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	360450	54.226	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	45433	54.150	ug/l	87
82) 4-Chlorotoluene	11.451	91	332998	53.994	ug/l	92
83) tert-Butylbenzene	11.713	119	388955	53.327	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	370867	55.611	ug/l	93
85) sec-Butylbenzene	11.890	105	460595	55.831	ug/l	95
86) p-Isopropyltoluene	12.006	119	409651	56.844	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	222767	53.322	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	225711	52.656	ug/l	96
89) n-Butylbenzene	12.329	91	323593	58.332	ug/l	97
90) Hexachloroethane	12.536	117	68315	55.680	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	226302	52.937	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31292	53.213	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	161589	57.701	ug/l	96
94) Hexachlorobutadiene	13.725	225	79878	56.407	ug/l	99
95) Naphthalene	13.774	128	484532	51.468	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165997	56.202	ug/l	96

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

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