

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041916.D
 Acq On : 18 Jun 2024 11:27
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 19 07:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 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	191672	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	283556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	299761	135.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 271.240%#			
35) Dibromofluoromethane	5.391	113	283010	140.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 281.320%#			
50) Toluene-d8	8.653	98	988936	139.913	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 279.820%#			
62) 4-Bromofluorobenzene	11.079	95	390489	149.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 299.740%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	210357	144.057	ug/l	97
3) Chloromethane	1.300	50	255206	139.312	ug/l	99
4) Vinyl Chloride	1.374	62	264848	144.227	ug/l	99
5) Bromomethane	1.599	94	139979	154.370	ug/l	98
6) Chloroethane	1.660	64	108474	148.152	ug/l	100
7) Trichlorofluoromethane	1.861	101	335868	139.603	ug/l	99
8) Diethyl Ether	2.136	74	167078	147.943	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.312	101	239721	144.644	ug/l #	86
10) Methyl Iodide	2.440	142	285009	138.361	ug/l #	87
11) Tert butyl alcohol	3.020	59	354166	844.333	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	247138	149.493	ug/l #	81
13) Acrolein	2.245	56	351015	746.525	ug/l	98
14) Allyl chloride	2.654	41	385518	147.041	ug/l	88
15) Acrylonitrile	3.075	53	839920	766.604	ug/l	98
16) Acetone	2.398	43	673742	694.214	ug/l #	89
17) Carbon Disulfide	2.495	76	531075	157.551	ug/l	99
18) Methyl Acetate	2.715	43	409864	154.812	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	846981	155.078	ug/l	100
20) Methylene Chloride	2.782	84	283528	133.420	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	249291	148.580	ug/l	89
22) Diisopropyl ether	3.769	45	840745	151.706	ug/l #	82
23) Vinyl Acetate	3.727	43	3688554	779.346	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	468599	150.990	ug/l	97
25) 2-Butanone	4.574	43	1151849	762.877	ug/l	93
26) 2,2-Dichloropropane	4.471	77	343562	152.868	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	320632	152.580	ug/l	86
28) Bromochloromethane	4.903	49	187864	141.328	ug/l #	74
29) Tetrahydrofuran	5.019	42	748474	767.566	ug/l	94
30) Chloroform	5.099	83	484956	149.988	ug/l	97
31) Cyclohexane	5.464	56	374440	144.862	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	427036	158.061	ug/l	95
36) 1,1-Dichloropropene	5.690	75	320721	150.113	ug/l	95
37) Ethyl Acetate	4.727	43	431104	154.898	ug/l	98
38) Carbon Tetrachloride	5.672	117	373357	158.160	ug/l	99
39) Methylcyclohexane	7.379	83	404595	149.738	ug/l	91
40) Benzene	6.037	78	1057962	146.822	ug/l	100

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41) Methacrylonitrile	4.934	41	238320	157.966	ug/l	93
42) 1,2-Dichloroethane	6.086	62	343877	148.156	ug/l	91
43) Isopropyl Acetate	6.348	43	675680	158.164	ug/l #	94
44) Trichloroethene	7.123	130	292825	151.605	ug/l	88
45) 1,2-Dichloropropane	7.433	63	266164	150.223	ug/l	98
46) Dibromomethane	7.580	93	196035	151.852	ug/l #	76
47) Bromodichloromethane	7.824	83	378604	159.737	ug/l	98
48) Methyl methacrylate	7.696	41	334994	164.310	ug/l	86
49) 1,4-Dioxane	7.671	88	163068	2982.459	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	2234241	759.242	ug/l	93
52) Toluene	8.720	92	688151	149.972	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	398942	149.536	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	434015	167.256	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	285454	149.334	ug/l	98
56) Ethyl methacrylate	9.122	69	492357	165.567	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	459181	148.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1079250	778.793	ug/l	92
59) 2-Hexanone	9.433	43	1752560	777.578	ug/l	91
60) Dibromochloromethane	9.525	129	349415	168.283	ug/l	99
61) 1,2-Dibromoethane	9.610	107	303908	153.305	ug/l	99
64) Tetrachloroethene	9.275	164	279900	147.541	ug/l	90
65) Chlorobenzene	10.079	112	807337	148.984	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	302474	159.428	ug/l	99
67) Ethyl Benzene	10.195	91	1306772	153.875	ug/l	97
68) m/p-Xylenes	10.305	106	1045389	304.941	ug/l	89
69) o-Xylene	10.640	106	526808	155.216	ug/l	90
70) Styrene	10.659	104	915152	160.796	ug/l	94
71) Bromoform	10.799	173	301209	149.854	ug/l #	99
73) Isopropylbenzene	10.963	105	1325365	145.074	ug/l	95
74) N-amyl acetate	10.841	43	634130	156.263	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	479786	141.241	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	433662m	158.988	ug/l	
77) Bromobenzene	11.201	156	394563	145.013	ug/l	79
78) n-propylbenzene	11.305	91	1483439	149.652	ug/l	95
79) 2-Chlorotoluene	11.366	91	918396	143.801	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1121737	147.414	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	162653	169.348	ug/l #	83
82) 4-Chlorotoluene	11.457	91	1050006	148.725	ug/l	91
83) tert-Butylbenzene	11.713	119	1251709	149.913	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	1146380	150.162	ug/l	92
85) sec-Butylbenzene	11.890	105	1429438	151.359	ug/l	94
86) p-Isopropyltoluene	12.012	119	1270546	154.010	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	713832	149.259	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	720991	147.275	ug/l	95
89) n-Butylbenzene	12.335	91	1044225	164.433	ug/l	96
90) Hexachloroethane	12.536	117	231382	164.740	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	721431	147.419	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	113492	168.591	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	538173	167.873	ug/l	95
94) Hexachlorobutadiene	13.725	225	250159	154.316	ug/l	98
95) Naphthalene	13.774	128	1641048	150.809	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	545646	161.382	ug/l	96

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

