

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036288.D
 Acq On : 23 Jun 2023 12:24
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 23 12:49:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 12:15:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	212868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	367783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161787	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	443938	114.122	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 228.240%#			
35) Dibromofluoromethane	5.385	113	362633	145.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 290.800%#			
50) Toluene-d8	8.653	98	1356926	148.740	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 297.480%#			
62) 4-Bromofluorobenzene	11.079	95	475415	129.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 258.200%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	306087	117.147	ug/l	98
3) Chloromethane	1.295	50	470387	170.155	ug/l	99
4) Vinyl Chloride	1.374	62	543664	206.436	ug/l	98
5) Bromomethane	1.618	94	457592	282.659	ug/l	99
6) Chloroethane	1.691	64	436568	256.196	ug/l	98
7) Trichlorofluoromethane	1.880	101	938355	220.168	ug/l	99
8) Diethyl Ether	2.130	74	349204	220.130	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	381645	157.022	ug/l	96
10) Methyl Iodide	2.453	142	444409	177.331	ug/l	93
11) Tert butyl alcohol	3.099	59	414020m	696.176	ug/l	
12) 1,1-Dichloroethene	2.319	96	371509	161.644	ug/l	91
13) Acrolein	2.239	56	606011	917.597	ug/l	100
14) Allyl chloride	2.666	41	625093	134.417	ug/l #	96
15) Acrylonitrile	3.075	53	1049328	689.743	ug/l	99
16) Acetone	2.398	43	905145	560.052	ug/l	95
17) Carbon Disulfide	2.514	76	938986	165.288	ug/l	99
18) Methyl Acetate	2.709	43	827422	134.988	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	1213344	134.857	ug/l	99
20) Methylene Chloride	2.788	84	397130	135.623	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	379309	148.540	ug/l	93
22) Diisopropyl ether	3.764	45	1185602	128.117	ug/l #	83
23) Vinyl Acetate	3.727	43	4548703	693.532	ug/l	97
24) 1,1-Dichloroethane	3.611	63	708011	138.474	ug/l	100
25) 2-Butanone	4.568	43	1370433	605.683	ug/l	96
26) 2,2-Dichloropropane	4.477	77	547604	137.726	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	438673	150.228	ug/l	93
28) Bromochloromethane	4.904	49	322951	121.167	ug/l	89
29) Tetrahydrofuran	5.013	42	884637	615.608	ug/l	95
30) Chloroform	5.093	83	702105	130.386	ug/l	98
31) Cyclohexane	5.471	56	590585	141.521	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	620662	135.952	ug/l	99
36) 1,1-Dichloropropene	5.690	75	538533	146.589	ug/l	98
37) Ethyl Acetate	4.721	43	561854	131.267	ug/l	98
38) Carbon Tetrachloride	5.678	117	542518	151.909	ug/l	100
39) Methylcyclohexane	7.379	83	667789	168.777	ug/l	94
40) Benzene	6.038	78	1517898	146.925	ug/l	100

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41) Methacrylonitrile	4.922	41	304435	129.008	ug/l	94
42) 1,2-Dichloroethane	6.086	62	577641	124.113	ug/l	99
43) Isopropyl Acetate	6.342	43	935019	142.742	ug/l	98
44) Trichloroethene	7.123	130	415014	160.755	ug/l	97
45) 1,2-Dichloropropane	7.434	63	417768	152.103	ug/l	99
46) Dibromomethane	7.580	93	296806	151.691	ug/l	95
47) Bromodichloromethane	7.824	83	574894	153.045	ug/l	98
48) Methyl methacrylate	7.696	41	458541	136.441	ug/l	92
49) 1,4-Dioxane	7.732	88	184326	3275.851	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	2799158	676.762	ug/l	97
52) Toluene	8.720	92	988606	152.841	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	642448	166.042	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	679595	163.790	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	403641	151.161	ug/l	93
56) Ethyl methacrylate	9.116	69	638064	158.182	ug/l	96
57) 1,3-Dichloropropane	9.311	76	689237	145.091	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1902182	855.577	ug/l	98
59) 2-Hexanone	9.439	43	2059907	669.898	ug/l	96
60) Dibromochloromethane	9.525	129	438092	168.089	ug/l	100
61) 1,2-Dibromoethane	9.610	107	437316	157.070	ug/l	99
64) Tetrachloroethene	9.275	164	350034	166.588	ug/l	99
65) Chlorobenzene	10.080	112	1076880	153.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	395786	163.886	ug/l	99
67) Ethyl Benzene	10.195	91	1960423	156.856	ug/l	98
68) m/p-Xylenes	10.305	106	1560767	330.993	ug/l	94
69) o-Xylene	10.640	106	745415	160.226	ug/l	96
70) Styrene	10.659	104	1208225	155.864	ug/l	97
71) Bromoform	10.799	173	295869	177.954	ug/l #	100
73) Isopropylbenzene	10.964	105	1871312	155.879	ug/l	97
74) N-amyl acetate	10.848	43	788995	145.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	594652	144.663	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	540806m	140.848	ug/l	
77) Bromobenzene	11.201	156	440663	156.672	ug/l	94
78) n-propylbenzene	11.305	91	2214294	156.792	ug/l	99
79) 2-Chlorotoluene	11.366	91	1261359	142.001	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1620320	158.508	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	192448	175.435	ug/l	89
82) 4-Chlorotoluene	11.457	91	1525548	147.400	ug/l	96
83) tert-Butylbenzene	11.713	119	1581884	162.777	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1569686	153.947	ug/l	96
85) sec-Butylbenzene	11.890	105	1931662	159.634	ug/l	99
86) p-Isopropyltoluene	12.012	119	1629551	160.063	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	819267	152.737	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	826590	150.445	ug/l	98
89) n-Butylbenzene	12.335	91	1547047	170.274	ug/l	98
90) Hexachloroethane	12.536	117	277753	173.929	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	825120	156.734	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	134426	148.265	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	526916	176.568	ug/l	97
94) Hexachlorobutadiene	13.725	225	198974	168.663	ug/l	97
95) Naphthalene	13.774	128	1753213	170.321	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	517152	172.814	ug/l	98

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

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