

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039699.D
 Acq On : 10 Jan 2024 12:44
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 11 03:34:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	102871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81411	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	253385	147.040	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 294.080%#			
35) Dibromofluoromethane	5.385	113	184285	147.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 294.160%#			
50) Toluene-d8	8.647	98	682613	144.450	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 288.900%#			
62) 4-Bromofluorobenzene	11.079	95	277770	150.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 300.620%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	210482	158.140	ug/l	96
3) Chloromethane	1.294	50	223180	146.826	ug/l	99
4) Vinyl Chloride	1.374	62	215317	150.098	ug/l	99
5) Bromomethane	1.599	94	111895	136.707	ug/l	98
6) Chloroethane	1.666	64	118288	145.341	ug/l	99
7) Trichlorofluoromethane	1.880	101	315881	152.647	ug/l	100
8) Diethyl Ether	2.136	74	113143	147.951	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	190120	148.193	ug/l	97
10) Methyl Iodide	2.447	142	225545	166.648	ug/l	95
11) Tert butyl alcohol	2.989	59	311000	693.306	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	186423	150.568	ug/l	97
13) Acrolein	2.239	56	193814	731.898	ug/l	100
14) Allyl chloride	2.660	41	371771	152.561	ug/l	97
15) Acrylonitrile	3.069	53	660088	712.379	ug/l	98
16) Acetone	2.380	43	667569	688.827	ug/l	94
17) Carbon Disulfide	2.508	76	546679	153.620	ug/l	100
18) Methyl Acetate	2.703	43	295789	145.885	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	658813	149.880	ug/l	98
20) Methylene Chloride	2.788	84	212302	144.826	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	195919	150.366	ug/l	99
22) Diisopropyl ether	3.764	45	686884	147.704	ug/l	89
23) Vinyl Acetate	3.721	43	3325081	769.195	ug/l	99
24) 1,1-Dichloroethane	3.605	63	385295	150.601	ug/l	99
25) 2-Butanone	4.556	43	998743	717.119	ug/l	99
26) 2,2-Dichloropropane	4.471	77	321927	156.784	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	226692	151.694	ug/l	99
28) Bromochloromethane	4.897	49	175486	151.322	ug/l	94
29) Tetrahydrofuran	5.001	42	642148	716.352	ug/l	100
30) Chloroform	5.099	83	389248	154.122	ug/l	97
31) Cyclohexane	5.471	56	341788	150.285	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	342183	158.258	ug/l	99
36) 1,1-Dichloropropene	5.690	75	287245	147.283	ug/l	100
37) Ethyl Acetate	4.715	43	377108	144.940	ug/l	100
38) Carbon Tetrachloride	5.678	117	285480	159.821	ug/l	99
39) Methylcyclohexane	7.379	83	354681	151.448	ug/l	99
40) Benzene	6.037	78	818981	148.299	ug/l	98

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41) Methacrylonitrile	4.922	41	198467	155.988	ug/l	95
42) 1,2-Dichloroethane	6.086	62	323929	154.284	ug/l	99
43) Isopropyl Acetate	6.342	43	604272	158.321	ug/l	99
44) Trichloroethene	7.123	130	203538	150.386	ug/l	93
45) 1,2-Dichloropropane	7.428	63	220449	148.806	ug/l	100
46) Dibromomethane	7.580	93	157267	153.695	ug/l	96
47) Bromodichloromethane	7.818	83	304541	160.699	ug/l	98
48) Methyl methacrylate	7.690	41	293409	156.395	ug/l	95
49) 1,4-Dioxane	7.659	88	104901	2889.735	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	1898552	722.254	ug/l	99
52) Toluene	8.720	92	497401	150.793	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	345502	171.812	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	363182	164.249	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	208788	148.669	ug/l	94
56) Ethyl methacrylate	9.116	69	370813	163.142	ug/l	97
57) 1,3-Dichloropropane	9.305	76	358703	150.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	824032	766.994	ug/l	95
59) 2-Hexanone	9.433	43	1543270	741.804	ug/l	99
60) Dibromochloromethane	9.519	129	224499	169.509	ug/l	100
61) 1,2-Dibromoethane	9.610	107	225801	155.262	ug/l	99
64) Tetrachloroethene	9.275	164	158320	140.973	ug/l	97
65) Chlorobenzene	10.079	112	522977	145.396	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	194226	158.582	ug/l	99
67) Ethyl Benzene	10.195	91	993409	148.761	ug/l	100
68) m/p-Xylenes	10.299	106	720581	293.407	ug/l	95
69) o-Xylene	10.640	106	358902	147.566	ug/l	94
70) Styrene	10.653	104	606375	152.625	ug/l	97
71) Bromoform	10.799	173	160897	174.952	ug/l #	100
73) Isopropylbenzene	10.963	105	961132	148.285	ug/l	100
74) N-amyl acetate	10.842	43	563503	166.786	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	359658	145.313	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	302337m	143.243	ug/l	
77) Bromobenzene	11.195	156	214112	148.363	ug/l	93
78) n-propylbenzene	11.305	91	1193016	152.074	ug/l	97
79) 2-Chlorotoluene	11.366	91	706187	145.647	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	827539	150.326	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	126011	150.124	ug/l	94
82) 4-Chlorotoluene	11.457	91	819916	149.083	ug/l	98
83) tert-Butylbenzene	11.713	119	811250	154.358	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	842564	153.413	ug/l	99
85) sec-Butylbenzene	11.890	105	1053466	154.413	ug/l	98
86) p-Isopropyltoluene	12.006	119	857313	157.228	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	416167	150.437	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	415259	145.338	ug/l	98
89) n-Butylbenzene	12.329	91	854675	162.288	ug/l	97
90) Hexachloroethane	12.536	117	162470	176.622	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	392886	143.655	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	98417	162.272	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	263225	157.493	ug/l	98
94) Hexachlorobutadiene	13.725	225	108590	156.297	ug/l	98
95) Naphthalene	13.774	128	971438	157.885	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	262307	155.505	ug/l	99

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

