

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031023\
 Data File : VX034415.D
 Acq On : 10 Mar 2023 13:47
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 13 10:27:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:15:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	294630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	515991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250573	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	715962	167.036	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 334.080%#			
35) Dibromofluoromethane	5.385	113	535674	157.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 314.480%#			
50) Toluene-d8	8.647	98	1896287	149.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 298.200%#			
62) 4-Bromofluorobenzene	11.079	95	831416	161.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 323.700%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	402925	146.694	ug/l	99
3) Chloromethane	1.307	50	621356	151.935	ug/l	100
4) Vinyl Chloride	1.374	62	515643	137.873	ug/l	99
5) Bromomethane	1.593	94	246449	130.423	ug/l	99
6) Chloroethane	1.666	64	292684	134.967	ug/l	99
7) Trichlorofluoromethane	1.874	101	775956	138.079	ug/l	99
8) Diethyl Ether	2.130	74	303438	147.914	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	466929	142.572	ug/l	99
10) Methyl Iodide	2.447	142	694694	161.564	ug/l	95
11) Tert butyl alcohol	2.977	59	677625	759.172	ug/l	100
12) 1,1-Dichloroethene	2.312	96	470672	145.926	ug/l	95
13) Acrolein	2.233	56	611679	866.254	ug/l	99
14) Allyl chloride	2.660	41	998198	152.651	ug/l	98
15) Acrylonitrile	3.062	53	1500150	778.028	ug/l	99
16) Acetone	2.380	43	1500651	743.247	ug/l	99
17) Carbon Disulfide	2.508	76	1341380	147.779	ug/l	99
18) Methyl Acetate	2.703	43	1043953	158.241	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	1806127	156.395	ug/l	98
20) Methylene Chloride	2.788	84	573823	146.437	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	514536	150.212	ug/l	98
22) Diisopropyl ether	3.757	45	1847978	148.225	ug/l	96
23) Vinyl Acetate	3.721	43	7187450	757.488	ug/l	98
24) 1,1-Dichloroethane	3.605	63	1029346	153.590	ug/l	99
25) 2-Butanone	4.556	43	2227260	770.951	ug/l	98
26) 2,2-Dichloropropane	4.471	77	908571	155.963	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	626435	151.918	ug/l	98
28) Bromochloromethane	4.897	49	494491	158.685	ug/l	99
29) Tetrahydrofuran	5.001	42	1375377	771.528	ug/l	99
30) Chloroform	5.092	83	1034500	157.471	ug/l	99
31) Cyclohexane	5.464	56	838819	139.541	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	907614	156.062	ug/l	99
36) 1,1-Dichloropropene	5.690	75	746064	142.579	ug/l	99
37) Ethyl Acetate	4.714	43	856783	149.879	ug/l	99
38) Carbon Tetrachloride	5.678	117	784715	150.746	ug/l	99
39) Methylcyclohexane	7.379	83	844205	134.813	ug/l	97
40) Benzene	6.037	78	2162410	141.265	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	487242	155.526	ug/l	99
42) 1,2-Dichloroethane	6.086	62	877375	155.956	ug/l	99
43) Isopropyl Acetate	6.336	43	1489724	153.831	ug/l	99
44) Trichloroethene	7.123	130	571703	143.742	ug/l	99
45) 1,2-Dichloropropane	7.427	63	586445	146.726	ug/l	100
46) Dibromomethane	7.580	93	416294	153.203	ug/l	99
47) Bromodichloromethane	7.824	83	832725	158.344	ug/l	100
48) Methyl methacrylate	7.690	41	729775	156.685	ug/l	99
49) 1,4-Dioxane	7.665	88	286009	2923.627	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	4139886	736.912	ug/l	98
52) Toluene	8.720	92	1369475	144.505	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	969471	163.632	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	999529	155.934	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	569205	151.341	ug/l	98
56) Ethyl methacrylate	9.116	69	976513	158.133	ug/l	100
57) 1,3-Dichloropropane	9.305	76	984516	147.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	2323034	729.946	ug/l	98
59) 2-Hexanone	9.433	43	3238846	745.812	ug/l	98
60) Dibromochloromethane	9.518	129	650340	164.868	ug/l	100
61) 1,2-Dibromoethane	9.610	107	614258	151.347	ug/l	99
64) Tetrachloroethene	9.275	164	442566	138.176	ug/l	99
65) Chlorobenzene	10.079	112	1476382	141.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	579971	152.214	ug/l	99
67) Ethyl Benzene	10.195	91	2589631	138.271	ug/l	99
68) m/p-Xylenes	10.299	106	2001050	278.136	ug/l	97
69) o-Xylene	10.640	106	1017290	140.900	ug/l	99
70) Styrene	10.652	104	1753618	150.542	ug/l	100
71) Bromoform	10.799	173	510609	174.093	ug/l #	100
73) Isopropylbenzene	10.963	105	2592057	133.844	ug/l	99
74) N-amyl acetate	10.841	43	1390636	149.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	921863	142.649	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	893657m	151.725	ug/l	
77) Bromobenzene	11.201	156	666498	143.444	ug/l	99
78) n-propylbenzene	11.305	91	3089794	138.148	ug/l	99
79) 2-Chlorotoluene	11.366	91	1953780	141.443	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	2275022	140.055	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	351626	165.337	ug/l	97
82) 4-Chlorotoluene	11.457	91	2281367	143.387	ug/l	99
83) tert-Butylbenzene	11.713	119	2307046	140.864	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	2326122	140.118	ug/l	100
85) sec-Butylbenzene	11.890	105	2737710	136.732	ug/l	99
86) p-Isopropyltoluene	12.012	119	2359668	140.225	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1290991	141.806	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	1282206	139.289	ug/l	99
89) n-Butylbenzene	12.335	91	2118549	141.617	ug/l	99
90) Hexachloroethane	12.536	117	477622	153.391	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1228757	139.663	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	231633	157.760	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	791626	143.884	ug/l	99
94) Hexachlorobutadiene	13.725	225	293270	132.312	ug/l	100
95) Naphthalene	13.774	128	2716961	147.265	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	790753	147.032	ug/l	98

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

