

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034822.D
 Acq On : 29 Mar 2023 11:32
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 01:12:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:03:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	317952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	540806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	484622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	722375	148.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 297.120%#			
35) Dibromofluoromethane	5.385	113	529957	148.157	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 296.320%#			
50) Toluene-d8	8.647	98	1894393	143.483	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 286.960%#			
62) 4-Bromofluorobenzene	11.079	95	771584	151.019	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 302.040%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	444353	142.846	ug/l	100
3) Chloromethane	1.294	50	539842	135.896	ug/l	98
4) Vinyl Chloride	1.374	62	549983	140.611	ug/l	98
5) Bromomethane	1.617	94	357638	139.995	ug/l	98
6) Chloroethane	1.691	64	354330	136.357	ug/l	98
7) Trichlorofluoromethane	1.880	101	860057	136.183	ug/l	100
8) Diethyl Ether	2.130	74	319308	142.025	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	470636	141.186	ug/l	98
10) Methyl Iodide	2.453	142	656115	159.494	ug/l	94
11) Tert butyl alcohol	2.989	59	652768m	768.438	ug/l	
12) 1,1-Dichloroethene	2.319	96	468560	146.115	ug/l	94
13) Acrolein	2.239	56	643575	732.792	ug/l	100
14) Allyl chloride	2.660	41	960132	151.232	ug/l	95
15) Acrylonitrile	3.068	53	1387298	731.074	ug/l	98
16) Acetone	2.392	43	1367799	695.094	ug/l	97
17) Carbon Disulfide	2.514	76	1280542	155.121	ug/l	99
18) Methyl Acetate	2.703	43	1019759	146.721	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	1787779	148.633	ug/l	100
20) Methylene Chloride	2.788	84	545578	138.540	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	515117	143.002	ug/l	96
22) Diisopropyl ether	3.757	45	1874926	146.690	ug/l	96
23) Vinyl Acetate	3.721	43	6941337	761.454	ug/l	99
24) 1,1-Dichloroethane	3.611	63	1011325	146.511	ug/l	99
25) 2-Butanone	4.562	43	2088572	731.399	ug/l	99
26) 2,2-Dichloropropane	4.471	77	891856	158.079	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	608030	146.323	ug/l	97
28) Bromochloromethane	4.897	49	483028	142.155	ug/l	100
29) Tetrahydrofuran	5.007	42	1323340	740.617	ug/l	100
30) Chloroform	5.092	83	1051238	151.195	ug/l	100
31) Cyclohexane	5.470	56	838865	141.676	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	936302	157.863	ug/l	99
36) 1,1-Dichloropropene	5.690	75	763265	144.504	ug/l	99
37) Ethyl Acetate	4.708	43	830008	149.548	ug/l	100
38) Carbon Tetrachloride	5.678	117	800378	159.534	ug/l	99
39) Methylcyclohexane	7.379	83	789627	140.642	ug/l	96
40) Benzene	6.037	78	2149433	141.260	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	463878	151.297	ug/l	98
42) 1,2-Dichloroethane	6.086	62	902729	151.809	ug/l	98
43) Isopropyl Acetate	6.336	43	1440958	155.267	ug/l	100
44) Trichloroethene	7.123	130	565215	145.690	ug/l	96
45) 1,2-Dichloropropane	7.427	63	570915	146.101	ug/l	99
46) Dibromomethane	7.580	93	406992	151.936	ug/l	99
47) Bromodichloromethane	7.824	83	814534	163.791	ug/l	99
48) Methyl methacrylate	7.690	41	705320	157.109	ug/l	96
49) 1,4-Dioxane	7.720	88	266985	2917.269	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	3907385	716.581	ug/l	100
52) Toluene	8.720	92	1362369	139.402	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	947667	174.861	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	971689	163.190	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	549280	148.176	ug/l	98
56) Ethyl methacrylate	9.116	69	928303	160.014	ug/l	98
57) 1,3-Dichloropropane	9.311	76	956042	144.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	2253150	755.630	ug/l	98
59) 2-Hexanone	9.433	43	2966487	717.699	ug/l	100
60) Dibromochloromethane	9.518	129	618569	173.028	ug/l	99
61) 1,2-Dibromoethane	9.610	107	592699	153.696	ug/l	100
64) Tetrachloroethene	9.275	164	465250	134.473	ug/l	97
65) Chlorobenzene	10.079	112	1438540	144.238	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	554425	158.514	ug/l	98
67) Ethyl Benzene	10.195	91	2581128	141.786	ug/l	100
68) m/p-Xylenes	10.305	106	1968200	285.696	ug/l	99
69) o-Xylene	10.640	106	990407	144.722	ug/l	99
70) Styrene	10.659	104	1680669	153.953	ug/l	99
71) Bromoform	10.799	173	438088	187.693	ug/l #	100
73) Isopropylbenzene	10.963	105	2490111	143.981	ug/l	100
74) N-amyl acetate	10.848	43	1254982	158.049	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	820597	143.949	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	662545m	135.301	ug/l	
77) Bromobenzene	11.201	156	625603	147.926	ug/l	99
78) n-propylbenzene	11.305	91	2863240	143.393	ug/l	99
79) 2-Chlorotoluene	11.366	91	1824056	142.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	2111718	144.873	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	289144	179.837	ug/l	97
82) 4-Chlorotoluene	11.457	91	2126265	144.441	ug/l	99
83) tert-Butylbenzene	11.713	119	2041248	150.984	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	2121915	144.571	ug/l	100
85) sec-Butylbenzene	11.890	105	2392615	143.099	ug/l	100
86) p-Isopropyltoluene	12.012	119	2062964	148.581	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1152161	145.688	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	1173277	143.518	ug/l	99
89) n-Butylbenzene	12.335	91	1845262	152.451	ug/l	100
90) Hexachloroethane	12.536	117	382181	178.027	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	1112438	142.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	207874	177.378	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	677204	149.786	ug/l	98
94) Hexachlorobutadiene	13.725	225	269671	133.211	ug/l	99
95) Naphthalene	13.774	128	2397312	150.749	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	677777	149.926	ug/l	98

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

