

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011123\
 Data File : VX033691.D
 Acq On : 11 Jan 2023 12:10
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

Quant Time: Jan 11 12:41:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 12:22:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	172951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	10305	5.278	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.560%#		
35) Dibromofluoromethane	5.385	113	8293	4.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.940%#		
50) Toluene-d8	8.647	98	29555	4.956	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.920%#		
62) 4-Bromofluorobenzene	11.079	95	11030	5.218	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6478	4.542	ug/l	89
3) Chloromethane	1.294	50	6404	3.648	ug/l	97
4) Vinyl Chloride	1.374	62	6336	4.069	ug/l	88
5) Bromomethane	1.618	94	4103	4.712	ug/l	88
6) Chloroethane	1.691	64	4772	5.319	ug/l	100
7) Trichlorofluoromethane	1.886	101	12571	5.707	ug/l	96
8) Diethyl Ether	2.136	74	3802	5.488	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	8143	6.990	ug/l	98
10) Methyl Iodide	2.453	142	9392	4.673	ug/l	97
11) Tert butyl alcohol	2.940	59	9727m	30.328	ug/l	
12) 1,1-Dichloroethene	2.319	96	7542	6.950	ug/l	95
13) Acrolein	2.245	56	8033	38.001	ug/l	99
14) Allyl chloride	2.666	41	13776	5.106	ug/l	98
15) Acrylonitrile	3.075	53	21469	24.747	ug/l	99
16) Acetone	2.398	43	21608	28.701	ug/l	99
17) Carbon Disulfide	2.514	76	18196	5.104	ug/l	96
18) Methyl Acetate	2.709	43	13110	4.845	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	24334	4.792	ug/l	95
20) Methylene Chloride	2.788	84	9178	4.703	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	8333	5.222	ug/l	96
22) Diisopropyl ether	3.764	45	27312	5.024	ug/l	96
23) Vinyl Acetate	3.727	43	99642	23.868	ug/l	98
24) 1,1-Dichloroethane	3.611	63	14966	5.088	ug/l	99
25) 2-Butanone	4.574	43	30235	23.718	ug/l	97
26) 2,2-Dichloropropane	4.477	77	10241	5.036	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	9653	5.215	ug/l	97
28) Bromochloromethane	4.904	49	6945	5.812	ug/l	97
29) Tetrahydrofuran	5.019	42	19416	24.014	ug/l	100
30) Chloroform	5.093	83	15699	5.224	ug/l	95
31) Cyclohexane	5.477	56	14017	5.157	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	12660	4.872	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11673	5.165	ug/l	98
37) Ethyl Acetate	4.721	43	12787	4.590	ug/l	99
38) Carbon Tetrachloride	5.678	117	11851	4.955	ug/l	99
39) Methylcyclohexane	7.379	83	13900	4.925	ug/l	94
40) Benzene	6.037	78	34237	5.183	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6325	4.606	ug/l	96
42) 1,2-Dichloroethane	6.086	62	12453	5.057	ug/l	100
43) Isopropyl Acetate	6.342	43	17927	4.639	ug/l	98
44) Trichloroethene	7.129	130	9516	5.048	ug/l	93
45) 1,2-Dichloropropane	7.427	63	8328	4.894	ug/l	97
46) Dibromomethane	7.586	93	5963	5.005	ug/l	99
47) Bromodichloromethane	7.824	83	11114	4.815	ug/l	97
48) Methyl methacrylate	7.696	41	8697	4.446	ug/l	97
49) 1,4-Dioxane	7.751	88	4029	96.836	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	57472	23.498	ug/l	98
52) Toluene	8.720	92	21816	5.023	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	10152	4.406	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	11852	4.639	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	8727	5.130	ug/l	96
56) Ethyl methacrylate	9.116	69	11443	4.506	ug/l	96
57) 1,3-Dichloropropane	9.311	76	14472	4.972	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	29338	22.710	ug/l	98
59) 2-Hexanone	9.433	43	40941	22.659	ug/l	100
60) Dibromochloromethane	9.519	129	8833	4.747	ug/l	94
61) 1,2-Dibromoethane	9.610	107	8756	4.866	ug/l	99
64) Tetrachloroethene	9.275	164	8397	4.965	ug/l	94
65) Chlorobenzene	10.079	112	23984	5.099	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	8638	4.913	ug/l	98
67) Ethyl Benzene	10.195	91	41100	5.006	ug/l	96
68) m/p-Xylenes	10.299	106	32496	10.143	ug/l	100
69) o-Xylene	10.640	106	15731	4.952	ug/l	96
70) Styrene	10.659	104	25385	4.864	ug/l	99
71) Bromoform	10.799	173	6251	4.441	ug/l #	93
73) Isopropylbenzene	10.963	105	40935	6.567	ug/l	100
74) N-amyl acetate	10.841	43	13618	5.391	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	12678	6.525	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	9786m	6.051	ug/l	
77) Bromobenzene	11.195	156	10894	6.602	ug/l	99
78) n-propylbenzene	11.305	91	45198	6.395	ug/l	99
79) 2-Chlorotoluene	11.366	91	28306	6.669	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	33749	6.576	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2618	4.914	ug/l #	78
82) 4-Chlorotoluene	11.451	91	32176	6.556	ug/l	100
83) tert-Butylbenzene	11.713	119	27488	5.133	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	26060	5.060	ug/l	98
85) sec-Butylbenzene	11.890	105	31883	5.040	ug/l	100
86) p-Isopropyltoluene	12.012	119	26594	4.919	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	14362	4.836	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	15214	5.236	ug/l	92
89) n-Butylbenzene	12.329	91	20582	4.553	ug/l	98
90) Hexachloroethane	12.536	117	3794	4.350	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	13942	4.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1650	4.567	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	8311	4.867	ug/l	95
94) Hexachlorobutadiene	13.725	225	4249	4.901	ug/l	98
95) Naphthalene	13.774	128	23954	4.521	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8611	4.970	ug/l	99

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

