

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011123\
 Data File : VX033694.D
 Acq On : 11 Jan 2023 13:19
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 11 13:45:40 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	186536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186480	88.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 177.120%#			
35) Dibromofluoromethane	5.385	113	167992	95.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 190.420%#			
50) Toluene-d8	8.647	98	608518	96.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 192.980%#			
62) 4-Bromofluorobenzene	11.079	95	225654	100.947	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 201.900%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	145393	94.513	ug/l	98
3) Chloromethane	1.295	50	155712	82.243	ug/l	99
4) Vinyl Chloride	1.374	62	158565	94.421	ug/l	95
5) Bromomethane	1.618	94	91928	97.894	ug/l	96
6) Chloroethane	1.691	64	96422	99.644	ug/l	100
7) Trichlorofluoromethane	1.886	101	225595	94.956	ug/l	98
8) Diethyl Ether	2.130	74	86512	115.781	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	157547	125.397	ug/l	97
10) Methyl Iodide	2.453	142	228339	105.341	ug/l	97
11) Tert butyl alcohol	3.026	59	157902m	456.466	ug/l	
12) 1,1-Dichloroethene	2.319	96	154935	132.383	ug/l	90
13) Acrolein	2.246	56	162140	711.159	ug/l	100
14) Allyl chloride	2.666	41	287652	98.845	ug/l	96
15) Acrylonitrile	3.069	53	432816	462.570	ug/l	98
16) Acetone	2.398	43	375873	462.903	ug/l	95
17) Carbon Disulfide	2.514	76	414967	107.930	ug/l	99
18) Methyl Acetate	2.709	43	260960	89.409	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	507399	92.643	ug/l	99
20) Methylene Chloride	2.788	84	172254	81.839	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	169433	98.441	ug/l	95
22) Diisopropyl ether	3.757	45	536012	91.414	ug/l	98
23) Vinyl Acetate	3.721	43	2105203	467.555	ug/l	98
24) 1,1-Dichloroethane	3.611	63	301026	94.886	ug/l	99
25) 2-Butanone	4.568	43	587531	427.320	ug/l	99
26) 2,2-Dichloropropane	4.477	77	221254	100.879	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	195326	97.845	ug/l	97
28) Bromochloromethane	4.898	49	136336	105.792	ug/l	93
29) Tetrahydrofuran	5.013	42	378887	434.480	ug/l	98
30) Chloroform	5.093	83	299075	92.279	ug/l	100
31) Cyclohexane	5.471	56	280365	95.643	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	267315	95.389	ug/l	98
36) 1,1-Dichloropropene	5.696	75	232010	97.075	ug/l	98
37) Ethyl Acetate	4.715	43	233534	79.270	ug/l	99
38) Carbon Tetrachloride	5.678	117	246009	97.264	ug/l	98
39) Methylcyclohexane	7.379	83	297368	99.650	ug/l	99
40) Benzene	6.038	78	675051	96.637	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	132232	91.062	ug/l	98
42) 1,2-Dichloroethane	6.086	62	233065	89.507	ug/l	98
43) Isopropyl Acetate	6.336	43	385171	94.259	ug/l	98
44) Trichloroethene	7.123	130	198006	99.333	ug/l	99
45) 1,2-Dichloropropane	7.428	63	173628	96.489	ug/l	98
46) Dibromomethane	7.580	93	120723	95.826	ug/l	95
47) Bromodichloromethane	7.824	83	238875	97.872	ug/l	99
48) Methyl methacrylate	7.690	41	193108	93.360	ug/l	97
49) 1,4-Dioxane	7.751	88	83692	1902.282	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	1124499	434.788	ug/l	98
52) Toluene	8.720	92	441644	96.165	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	256421	105.249	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	285007	105.495	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	173399	96.393	ug/l	99
56) Ethyl methacrylate	9.116	69	266117	99.093	ug/l	96
57) 1,3-Dichloropropane	9.305	76	289912	94.196	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	637008	466.310	ug/l	98
59) 2-Hexanone	9.433	43	820049	429.220	ug/l	97
60) Dibromochloromethane	9.519	129	201580	102.448	ug/l	100
61) 1,2-Dibromoethane	9.610	107	187663	98.630	ug/l	99
64) Tetrachloroethene	9.275	164	173690	96.420	ug/l	98
65) Chlorobenzene	10.080	112	485963	97.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	187060	99.902	ug/l	99
67) Ethyl Benzene	10.195	91	842124	96.314	ug/l	99
68) m/p-Xylenes	10.299	106	671837	196.889	ug/l	96
69) o-Xylene	10.640	106	329292	97.333	ug/l	98
70) Styrene	10.653	104	547246	98.463	ug/l	99
71) Bromoform	10.799	173	161936	108.021	ug/l #	98
73) Isopropylbenzene	10.964	105	853662	94.803	ug/l	100
74) N-amyl acetate	10.842	43	328516	90.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	246401	87.795	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	224387m	96.060	ug/l	
77) Bromobenzene	11.195	156	228895	96.028	ug/l	97
78) n-propylbenzene	11.305	91	968234	94.847	ug/l	99
79) 2-Chlorotoluene	11.366	91	565637	92.257	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	701023	94.562	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	79544	103.355	ug/l	92
82) 4-Chlorotoluene	11.451	91	649035	91.558	ug/l	98
83) tert-Butylbenzene	11.713	119	743277	96.097	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	705719	94.869	ug/l	100
85) sec-Butylbenzene	11.890	105	892442	97.662	ug/l	100
86) p-Isopropyltoluene	12.006	119	775791	99.349	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	419531	97.789	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	419229	99.893	ug/l	100
89) n-Butylbenzene	12.329	91	649154	99.410	ug/l	99
90) Hexachloroethane	12.536	117	133817	106.222	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	399691	97.504	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53139	101.825	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	293927	119.155	ug/l	99
94) Hexachlorobutadiene	13.725	225	137610	109.879	ug/l	100
95) Naphthalene	13.774	128	830025	108.445	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	286756	114.574	ug/l	99

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

