

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031455.D
 Acq On : 19 Sep 2022 11:55
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 02:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 02:26:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	96437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	94981	104.041	ug/l	100
3) Chloromethane	1.288	50	104100	85.953	ug/l	99
4) Vinyl Chloride	1.374	62	118601	85.879	ug/l	99
5) Bromomethane	1.605	94	162931	82.857	ug/l	99
6) Chloroethane	1.679	64	113968	76.473	ug/l	96
7) Trichlorofluoromethane	1.880	101	279244	89.143	ug/l	99
8) Diethyl Ether	2.136	74	95181	88.222	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	90321	88.343	ug/l	93
10) Methyl Iodide	2.453	142	105395	106.549	ug/l	99
11) Tert butyl alcohol	2.995	59	113128	357.255	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	87542	88.574	ug/l	90
13) Acrolein	2.240	56	61505	426.475	ug/l	100
14) Allyl chloride	2.666	41	142546	88.443	ug/l	94
15) Acrylonitrile	3.069	53	277805	453.340	ug/l	100
16) Acetone	2.386	43	220005	395.658	ug/l	95
17) Carbon Disulfide	2.508	76	237262	89.097	ug/l	100
18) Methyl Acetate	2.709	43	147478	84.752	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	327665	91.667	ug/l	100
20) Methylene Chloride	2.788	84	100649	79.306	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	102827	92.133	ug/l	97
22) Diisopropyl ether	3.764	45	343710	98.477	ug/l	93
23) Vinyl Acetate	3.727	43	1495218	500.939	ug/l	97
24) 1,1-Dichloroethane	3.611	63	176496	89.483	ug/l	98
25) 2-Butanone	4.568	43	396344	440.865	ug/l	96
26) 2,2-Dichloropropane	4.477	77	162234	93.116	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	117647	87.461	ug/l	93
28) Bromochloromethane	4.904	49	77361	98.181	ug/l	92
29) Tetrahydrofuran	5.013	42	269483	459.640	ug/l	95
30) Chloroform	5.099	83	206651	95.529	ug/l	99
31) Cyclohexane	5.471	56	160155	92.728	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	184233	93.764	ug/l	100
36) 1,1-Dichloropropene	5.696	75	146148	95.341	ug/l	98
37) Ethyl Acetate	4.721	43	167572	91.634	ug/l	99
38) Carbon Tetrachloride	5.678	117	165029	97.125	ug/l	98
39) Methylcyclohexane	7.385	83	174611	92.578	ug/l	91
40) Benzene	6.044	78	426144	93.184	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	83270	91.456	ug/l	95
42) 1,2-Dichloroethane	6.093	62	161308	95.696	ug/l	99
43) Isopropyl Acetate	6.342	43	269737	95.969	ug/l	99
44) Trichloroethene	7.129	130	116772	90.057	ug/l	96
45) 1,2-Dichloropropane	7.434	63	105300	91.600	ug/l	98
46) Dibromomethane	7.580	93	81233	91.802	ug/l	93
47) Bromodichloromethane	7.824	83	161173	96.877	ug/l	100
48) Methyl methacrylate	7.696	41	121502	94.623	ug/l	92
49) 1,4-Dioxane	7.684	88	52216	1780.626	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	912496	504.753	ug/l	99
52) Toluene	8.720	92	330310	110.747	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	188153	109.290	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	185545	98.544	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	119789	97.472	ug/l	99
56) Ethyl methacrylate	9.116	69	188298	107.727	ug/l	95
57) 1,3-Dichloropropane	9.311	76	194280	96.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	359792	532.424	ug/l	95
59) 2-Hexanone	9.433	43	692841	510.301	ug/l	97
60) Dibromochloromethane	9.525	129	147291	112.863	ug/l	98
61) 1,2-Dibromoethane	9.610	107	142020	107.269	ug/l	99
64) Tetrachloroethene	9.275	164	118565	87.764	ug/l	96
65) Chlorobenzene	10.080	112	337798	97.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	121503	97.091	ug/l	97
67) Ethyl Benzene	10.195	91	619655	101.185	ug/l	99
68) m/p-Xylenes	10.305	106	583160	236.957	ug/l	96
69) o-Xylene	10.647	106	268227	114.186	ug/l	96
70) Styrene	10.659	104	486988	125.915	ug/l	97
71) Bromoform	10.799	173	118856	118.705	ug/l #	100
73) Isopropylbenzene	10.964	105	734977	85.605	ug/l	99
74) N-amyl acetate	10.848	43	270080	77.610	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	221246	76.437	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	225788m	91.997	ug/l	
77) Bromobenzene	11.201	156	172305	81.428	ug/l	96
78) n-propylbenzene	11.305	91	858262	86.889	ug/l	99
79) 2-Chlorotoluene	11.366	91	506380	86.127	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	690464	94.762	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	75137	94.280	ug/l	98
82) 4-Chlorotoluene	11.457	91	639230	92.644	ug/l	96
83) tert-Butylbenzene	11.713	119	645780	91.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	665093	92.685	ug/l	99
85) sec-Butylbenzene	11.890	105	811134	90.759	ug/l	99
86) p-Isopropyltoluene	12.012	119	721925	95.659	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	351508	86.666	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	381643	90.214	ug/l	98
89) n-Butylbenzene	12.335	91	597954	93.015	ug/l	99
90) Hexachloroethane	12.543	117	111364	85.878	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	361594	88.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49422	83.772	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	176003	78.205	ug/l	99
94) Hexachlorobutadiene	13.725	225	60077	66.832	ug/l	98
95) Naphthalene	13.780	128	654886	79.455	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178521	76.962	ug/l	99

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

