

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029561.D
 Acq On : 18 Jun 2022 09:14
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 18 10:34:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 10:29:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	326688	77.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 154.340%#			
35) Dibromofluoromethane	5.391	113	291494	76.139	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 152.280%#			
50) Toluene-d8	8.653	98	1071332	78.263	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 156.520%#			
62) 4-Bromofluorobenzene	11.085	95	405331	76.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 152.420%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	333067	82.800	ug/l	98
3) Chloromethane	1.288	50	318567	74.281	ug/l	100
4) Vinyl Chloride	1.374	62	320529	73.380	ug/l	98
5) Bromomethane	1.605	94	139207	60.818	ug/l	100
6) Chloroethane	1.685	64	127972	55.409	ug/l	100
7) Trichlorofluoromethane	1.880	101	439578	69.420	ug/l	100
8) Diethyl Ether	2.136	74	175527	70.753	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	273907	71.236	ug/l	98
10) Methyl Iodide	2.453	142	328388	78.128	ug/l	98
11) Tert butyl alcohol	3.032	59	378641m	316.030	ug/l	
12) 1,1-Dichloroethene	2.319	96	273757	73.436	ug/l	95
13) Acrolein	2.239	56	93133	217.681	ug/l	99
14) Allyl chloride	2.666	41	443461	74.003	ug/l	95
15) Acrylonitrile	3.068	53	840905	357.834	ug/l	99
16) Acetone	2.386	43	652398	326.902	ug/l	97
17) Carbon Disulfide	2.508	76	729160	78.936	ug/l	99
18) Methyl Acetate	2.709	43	368644	69.472	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	953922	74.163	ug/l	99
20) Methylene Chloride	2.788	84	305191	68.048	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	301279	71.908	ug/l	95
22) Diisopropyl ether	3.763	45	831296	69.287	ug/l	93
23) Vinyl Acetate	3.727	43	3607148	363.641	ug/l	100
24) 1,1-Dichloroethane	3.611	63	520620	71.720	ug/l	99
25) 2-Butanone	4.568	43	1100348	349.244	ug/l	99
26) 2,2-Dichloropropane	4.477	77	413804	78.772	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	350599	70.724	ug/l	94
28) Bromochloromethane	4.903	49	193611	68.080	ug/l	99
29) Tetrahydrofuran	5.013	42	727532	353.966	ug/l	96
30) Chloroform	5.099	83	540841	68.964	ug/l	99
31) Cyclohexane	5.470	56	463439	70.043	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	482387	71.433	ug/l	98
36) 1,1-Dichloropropene	5.696	75	403685	66.542	ug/l	99
37) Ethyl Acetate	4.721	43	424990	68.077	ug/l	99
38) Carbon Tetrachloride	5.684	117	416482	67.274	ug/l	97
39) Methylcyclohexane	7.385	83	511394	68.206	ug/l	95
40) Benzene	6.044	78	1206902	66.781	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	224583	72.985	ug/l	97
42) 1,2-Dichloroethane	6.092	62	401563	64.258	ug/l	98
43) Isopropyl Acetate	6.348	43	669501	71.001	ug/l	100
44) Trichloroethene	7.129	130	339408	68.446	ug/l	97
45) 1,2-Dichloropropane	7.434	63	299170	67.482	ug/l	98
46) Dibromomethane	7.586	93	218288	67.877	ug/l	94
47) Bromodichloromethane	7.824	83	417707	68.854	ug/l	98
48) Methyl methacrylate	7.696	41	323718	68.519	ug/l	94
49) 1,4-Dioxane	7.683	88	162407	1346.509	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1988867	325.011	ug/l	100
52) Toluene	8.720	92	770486	66.593	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	464493	78.701	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	501974	73.844	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	313295	66.917	ug/l	98
56) Ethyl methacrylate	9.122	69	501929	73.945	ug/l	97
57) 1,3-Dichloropropane	9.311	76	514985	65.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1137927	344.649	ug/l	96
59) 2-Hexanone	9.439	43	1500982	323.286	ug/l	98
60) Dibromochloromethane	9.525	129	328268	72.629	ug/l	97
61) 1,2-Dibromoethane	9.610	107	337340	67.702	ug/l	98
64) Tetrachloroethene	9.275	164	293591	77.905	ug/l	94
65) Chlorobenzene	10.079	112	822422	75.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	308929	81.704	ug/l	98
67) Ethyl Benzene	10.195	91	1468259	76.962	ug/l	98
68) m/p-Xylenes	10.305	106	1141706	154.910	ug/l	99
69) o-Xylene	10.646	106	562767	78.503	ug/l	100
70) Styrene	10.659	104	953958	79.651	ug/l	99
71) Bromoform	10.805	173	225903	84.061	ug/l	99
73) Isopropylbenzene	10.963	105	1447852	96.947	ug/l	99
74) N-amyl acetate	10.848	43	525083	103.692	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	447694	89.127	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	407250m	92.082	ug/l	
77) Bromobenzene	11.201	156	338331	96.437	ug/l	96
78) n-propylbenzene	11.305	91	1651302	97.481	ug/l	99
79) 2-Chlorotoluene	11.366	91	993831	95.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1229201	96.923	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	148403	111.660	ug/l	99
82) 4-Chlorotoluene	11.457	91	1134153	94.393	ug/l	99
83) tert-Butylbenzene	11.719	119	1191449	96.941	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1217257	97.260	ug/l	99
85) sec-Butylbenzene	11.890	105	1488144	98.326	ug/l	99
86) p-Isopropyltoluene	12.012	119	1261835	99.454	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	632458	94.438	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	632548	92.782	ug/l	97
89) n-Butylbenzene	12.335	91	1090836	102.015	ug/l	99
90) Hexachloroethane	12.542	117	201715	100.409	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	610674	92.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	112180	106.891	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	407916	103.513	ug/l	98
94) Hexachlorobutadiene	13.725	225	157611	95.836	ug/l	94
95) Naphthalene	13.780	128	1486471	107.523	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	410100	104.622	ug/l	95

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

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