

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029560.D
 Acq On : 18 Jun 2022 08:51
 Operator : JC/MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC075

Quant Time: Jun 18 10:34:25 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	267671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	244800	57.167	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.340%			
35) Dibromofluoromethane	5.391	113	216051	56.577	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.160%			
50) Toluene-d8	8.653	98	808495	59.213	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 118.420%#			
62) 4-Bromofluorobenzene	11.085	95	304827	57.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	256011	62.916	ug/l	100
3) Chloromethane	1.288	50	241206	55.599	ug/l	99
4) Vinyl Chloride	1.374	62	240420	54.411	ug/l	98
5) Bromomethane	1.612	94	105615	45.614	ug/l	100
6) Chloroethane	1.679	64	139075	59.528	ug/l	99
7) Trichlorofluoromethane	1.886	101	337260	52.652	ug/l	99
8) Diethyl Ether	2.136	74	133052	53.019	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	208323	53.559	ug/l	98
10) Methyl Iodide	2.453	142	234268	55.098	ug/l	97
11) Tert butyl alcohol	3.014	59	268896	221.865	ug/l	97
12) 1,1-Dichloroethene	2.319	96	205435	54.478	ug/l	94
13) Acrolein	2.239	56	51468	118.921	ug/l	97
14) Allyl chloride	2.666	41	329186	54.305	ug/l	96
15) Acrylonitrile	3.069	53	624615	262.754	ug/l	99
16) Acetone	2.386	43	489573	242.508	ug/l	98
17) Carbon Disulfide	2.514	76	539597	57.746	ug/l	99
18) Methyl Acetate	2.703	43	274978	51.227	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	709456	54.526	ug/l	99
20) Methylene Chloride	2.788	84	227304	50.102	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	224499	52.970	ug/l	97
22) Diisopropyl ether	3.764	45	629914	51.902	ug/l	94
23) Vinyl Acetate	3.727	43	2743318	273.394	ug/l	100
24) 1,1-Dichloroethane	3.611	63	387058	52.710	ug/l	99
25) 2-Butanone	4.562	43	828595	259.983	ug/l	99
26) 2,2-Dichloropropane	4.483	77	310946	58.515	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	261957	52.239	ug/l	94
28) Bromochloromethane	4.904	49	144038	50.069	ug/l	99
29) Tetrahydrofuran	5.013	42	553285	266.110	ug/l	95
30) Chloroform	5.099	83	407145	51.322	ug/l	98
31) Cyclohexane	5.477	56	354966	53.035	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	365331	53.480	ug/l	98
36) 1,1-Dichloropropene	5.696	75	304262	50.281	ug/l	98
37) Ethyl Acetate	4.721	43	317188	50.938	ug/l	99
38) Carbon Tetrachloride	5.684	117	311952	50.518	ug/l	98
39) Methylcyclohexane	7.385	83	393757	52.650	ug/l	96
40) Benzene	6.044	78	903330	50.111	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	172316	56.142	ug/l	95
42) 1,2-Dichloroethane	6.092	62	302809	48.579	ug/l	98
43) Isopropyl Acetate	6.342	43	501150	53.283	ug/l	99
44) Trichloroethene	7.129	130	256766	51.912	ug/l	95
45) 1,2-Dichloropropane	7.434	63	225707	51.042	ug/l	97
46) Dibromomethane	7.586	93	162128	50.542	ug/l	94
47) Bromodichloromethane	7.824	83	314694	52.006	ug/l	100
48) Methyl methacrylate	7.696	41	241929	51.338	ug/l	94
49) 1,4-Dioxane	7.684	88	121209	1007.502	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1546400	253.350	ug/l	99
52) Toluene	8.720	92	590459	51.163	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	341550	58.018	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	371898	54.849	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	234010	50.110	ug/l	99
56) Ethyl methacrylate	9.122	69	370867	54.776	ug/l	95
57) 1,3-Dichloropropane	9.311	76	387175	49.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	839151	254.806	ug/l	96
59) 2-Hexanone	9.433	43	1168555	252.329	ug/l	98
60) Dibromochloromethane	9.525	129	242878	53.874	ug/l	96
61) 1,2-Dibromoethane	9.610	107	250144	50.330	ug/l	98
64) Tetrachloroethene	9.275	164	229113	60.107	ug/l	97
65) Chlorobenzene	10.079	112	616371	55.918	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	223625	58.473	ug/l	99
67) Ethyl Benzene	10.195	91	1114691	57.767	ug/l	98
68) m/p-Xylenes	10.305	106	864573	115.978	ug/l	100
69) o-Xylene	10.646	106	425305	58.656	ug/l	99
70) Styrene	10.659	104	716895	59.179	ug/l	99
71) Bromoform	10.799	173	171901	63.241	ug/l #	100
73) Isopropylbenzene	10.963	105	1100525	70.779	ug/l	99
74) N-amyl acetate	10.848	43	404978	76.814	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	343618	65.705	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	320636m	69.634	ug/l	
77) Bromobenzene	11.201	156	257690	70.550	ug/l	96
78) n-propylbenzene	11.305	91	1255212	71.171	ug/l	99
79) 2-Chlorotoluene	11.366	91	758945	69.826	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	940837	71.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	109819	79.364	ug/l	97
82) 4-Chlorotoluene	11.457	91	871464	69.665	ug/l	99
83) tert-Butylbenzene	11.719	119	914282	71.450	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	940368	72.168	ug/l	99
85) sec-Butylbenzene	11.890	105	1152601	73.147	ug/l	100
86) p-Isopropyltoluene	12.012	119	968630	73.328	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	485703	69.659	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	486877	68.594	ug/l	98
89) n-Butylbenzene	12.335	91	846610	76.047	ug/l	99
90) Hexachloroethane	12.542	117	152602	72.961	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	470626	68.366	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	81376	74.476	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	303675	74.016	ug/l	99
94) Hexachlorobutadiene	13.725	225	117610	68.688	ug/l	96
95) Naphthalene	13.780	128	1110103	77.126	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	304304	74.565	ug/l	94

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

