

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029558.D
 Acq On : 18 Jun 2022 08:05
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 18 10:33:47 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	5.555	168	261877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68908	16.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	32.900%#		
35) Dibromofluoromethane	5.391	113	58603	15.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.560%#		
50) Toluene-d8	8.652	98	215620	16.239	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.480%#		
62) 4-Bromofluorobenzene	11.085	95	83005	16.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67486	16.952	ug/l	99
3) Chloromethane	1.294	50	67089	15.807	ug/l	98
4) Vinyl Chloride	1.373	62	65027	15.042	ug/l	99
5) Bromomethane	1.611	94	32626	14.403	ug/l	99
6) Chloroethane	1.690	64	40234	17.602	ug/l	98
7) Trichlorofluoromethane	1.885	101	89082	14.215	ug/l	100
8) Diethyl Ether	2.135	74	35895	14.620	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.330	101	54488	14.319	ug/l	99
10) Methyl Iodide	2.452	142	52924	12.723	ug/l	95
11) Tert butyl alcohol	2.977	59	80556	67.937	ug/l	97
12) 1,1-Dichloroethene	2.318	96	54337	14.728	ug/l	99
13) Acrolein	2.239	56	18141	42.844	ug/l	93
14) Allyl chloride	2.666	41	86068	14.513	ug/l	96
15) Acrylonitrile	3.068	53	166713	71.682	ug/l	100
16) Acetone	2.385	43	133623	67.654	ug/l	96
17) Carbon Disulfide	2.513	76	136267	14.906	ug/l	99
18) Methyl Acetate	2.708	43	73284	13.955	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	189297	14.870	ug/l	97
20) Methylene Chloride	2.794	84	59460	13.396	ug/l	99
21) trans-1,2-Dichloroethene	3.092	96	57979	13.983	ug/l	98
22) Diisopropyl ether	3.763	45	175241	14.758	ug/l #	88
23) Vinyl Acetate	3.727	43	742898	75.674	ug/l	97
24) 1,1-Dichloroethane	3.611	63	102623	14.285	ug/l	100
25) 2-Butanone	4.562	43	224292	71.932	ug/l	97
26) 2,2-Dichloropropane	4.482	77	79608	15.312	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	68675	13.998	ug/l	95
28) Bromochloromethane	4.903	49	40165	14.271	ug/l	97
29) Tetrahydrofuran	5.013	42	149469	73.480	ug/l	94
30) Chloroform	5.098	83	108837	14.023	ug/l	99
31) Cyclohexane	5.476	56	94743	14.469	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	95013	14.217	ug/l	98
36) 1,1-Dichloropropene	5.696	75	80177	13.625	ug/l	99
37) Ethyl Acetate	4.720	43	84966	14.031	ug/l	99
38) Carbon Tetrachloride	5.683	117	79725	13.276	ug/l	98
39) Methylcyclohexane	7.384	83	100148	13.770	ug/l	96
40) Benzene	6.043	78	237824	13.566	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	45313	15.181	ug/l	95
42) 1,2-Dichloroethane	6.092	62	81901	13.511	ug/l	99
43) Isopropyl Acetate	6.342	43	131505	14.377	ug/l	98
44) Trichloroethene	7.128	130	68545	14.250	ug/l	90
45) 1,2-Dichloropropane	7.433	63	58705	13.651	ug/l	94
46) Dibromomethane	7.586	93	42437	13.604	ug/l	95
47) Bromodichloromethane	7.823	83	81177	13.795	ug/l	96
48) Methyl methacrylate	7.695	41	63424	13.840	ug/l	93
49) 1,4-Dioxane	7.683	88	32489	277.694	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	428628	72.210	ug/l	96
52) Toluene	8.720	92	154185	13.738	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	84039	14.679	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	92247	13.990	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	61336	13.506	ug/l	97
56) Ethyl methacrylate	9.116	69	96315	14.628	ug/l	93
57) 1,3-Dichloropropane	9.311	76	103386	13.500	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	220665	68.901	ug/l	98
59) 2-Hexanone	9.433	43	330366	73.355	ug/l	96
60) Dibromochloromethane	9.524	129	60930	13.898	ug/l	97
61) 1,2-Dibromoethane	9.610	107	65340	13.519	ug/l	97
64) Tetrachloroethene	9.274	164	58312	16.136	ug/l	94
65) Chlorobenzene	10.079	112	161923	15.495	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	58007	15.999	ug/l	99
67) Ethyl Benzene	10.195	91	294022	16.072	ug/l	99
68) m/p-Xylenes	10.305	106	227837	32.238	ug/l	98
69) o-Xylene	10.646	106	112619	16.383	ug/l	97
70) Styrene	10.658	104	187299	16.309	ug/l	98
71) Bromoform	10.798	173	40663	15.779	ug/l #	98
73) Isopropylbenzene	10.963	105	294331	19.600	ug/l	97
74) N-amyl acetate	10.847	43	104569	20.537	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	95191	18.847	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	86858m	19.531	ug/l	
77) Bromobenzene	11.201	156	65548	18.581	ug/l	94
78) n-propylbenzene	11.304	91	333520	19.581	ug/l	99
79) 2-Chlorotoluene	11.365	91	203082	19.346	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	249811	19.590	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	25432	19.030	ug/l	89
82) 4-Chlorotoluene	11.457	91	234728	19.429	ug/l	98
83) tert-Butylbenzene	11.719	119	238496	19.298	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	250797	19.929	ug/l	97
85) sec-Butylbenzene	11.890	105	302674	19.889	ug/l	99
86) p-Isopropyltoluene	12.012	119	252969	19.829	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127872	18.989	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	125926	18.369	ug/l	96
89) n-Butylbenzene	12.335	91	212154	19.732	ug/l	99
90) Hexachloroethane	12.542	117	35690	17.668	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	126647	19.049	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21053	19.950	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	74684	18.848	ug/l	98
94) Hexachlorobutadiene	13.725	225	30060	18.178	ug/l	95
95) Naphthalene	13.780	128	282740	20.340	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	76699	19.460	ug/l	95

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

