

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029813.D
 Acq On : 27 Jun 2022 12:35
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 27 13:40:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 13:34:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	256668	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	503423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77210	22.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	44.220%#		
35) Dibromofluoromethane	5.397	113	61633	18.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.940%#		
50) Toluene-d8	8.653	98	251582	20.965	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.940%#		
62) 4-Bromofluorobenzene	11.085	95	91790	20.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.860%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	69352	22.094	ug/l	99
3) Chloromethane	1.288	50	76496	22.400	ug/l	100
4) Vinyl Chloride	1.374	62	80954	25.230	ug/l	96
5) Bromomethane	1.611	94	21150	14.720	ug/l	93
6) Chloroethane	1.685	64	43601	24.101	ug/l	98
7) Trichlorofluoromethane	1.886	101	89658	20.932	ug/l	98
8) Diethyl Ether	2.136	74	41055	23.683	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	63483	23.172	ug/l	92
10) Methyl Iodide	2.453	142	73307	26.234	ug/l	96
11) Tert butyl alcohol	2.983	59	109001	121.095	ug/l	96
12) 1,1-Dichloroethene	2.319	96	65418	24.382	ug/l	97
13) Acrolein	2.239	56	66257	234.825	ug/l	95
14) Allyl chloride	2.666	41	118823	26.610	ug/l	92
15) Acrylonitrile	3.069	53	241067	141.078	ug/l	99
16) Acetone	2.386	43	188750	130.847	ug/l	97
17) Carbon Disulfide	2.514	76	171383	24.470	ug/l	99
18) Methyl Acetate	2.709	43	109524	28.254	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	216219	23.273	ug/l	96
20) Methylene Chloride	2.794	84	74919	23.793	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	68971	23.590	ug/l	93
22) Diisopropyl ether	3.764	45	235557	26.614	ug/l	87
23) Vinyl Acetate	3.727	43	1030651	138.560	ug/l	94
24) 1,1-Dichloroethane	3.611	63	128230	24.584	ug/l	100
25) 2-Butanone	4.568	43	326176	140.986	ug/l	94
26) 2,2-Dichloropropane	4.477	77	87626	22.122	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	82149	23.961	ug/l	99
28) Bromochloromethane	4.898	49	50867	25.748	ug/l	88
29) Tetrahydrofuran	5.013	42	217202	140.480	ug/l	89
30) Chloroform	5.099	83	125439	23.177	ug/l	95
31) Cyclohexane	5.477	56	119628	24.542	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	96440	20.581	ug/l	96
36) 1,1-Dichloropropene	5.702	75	95076	21.245	ug/l	98
37) Ethyl Acetate	4.721	43	122703	25.845	ug/l	99
38) Carbon Tetrachloride	5.678	117	78368	18.389	ug/l	94
39) Methylcyclohexane	7.385	83	122166	21.915	ug/l	90
40) Benzene	6.044	78	306173	22.845	ug/l	97

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41) Methacrylonitrile	4.928	41	65525	26.058	ug/l	92
42) 1,2-Dichloroethane	6.092	62	97483	21.375	ug/l	99
43) Isopropyl Acetate	6.342	43	181917	24.765	ug/l	97
44) Trichloroethene	7.129	130	72508	16.247	ug/l	95
45) 1,2-Dichloropropane	7.434	63	78110	23.564	ug/l	99
46) Dibromomethane	7.586	93	51304	22.044	ug/l #	87
47) Bromodichloromethane	7.824	83	92919	20.885	ug/l	95
48) Methyl methacrylate	7.696	41	89477	24.884	ug/l	89
49) 1,4-Dioxane	7.684	88	43053	471.299	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	619531	130.279	ug/l	94
52) Toluene	8.720	92	182517	21.649	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	101557	22.405	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	113305	22.145	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	76149	22.239	ug/l	95
56) Ethyl methacrylate	9.122	69	126452	24.087	ug/l	91
57) 1,3-Dichloropropane	9.311	76	127860	22.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	288188	116.287	ug/l	93
59) 2-Hexanone	9.433	43	481648	132.890	ug/l	91
60) Dibromochloromethane	9.525	129	64621	19.871	ug/l	96
61) 1,2-Dibromoethane	9.610	107	76521	21.602	ug/l	99
64) Tetrachloroethene	9.275	164	50117	16.242	ug/l #	84
65) Chlorobenzene	10.079	112	190527	21.947	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	60457	19.704	ug/l	94
67) Ethyl Benzene	10.195	91	345682	21.951	ug/l	98
68) m/p-Xylenes	10.305	106	263043	43.118	ug/l	97
69) o-Xylene	10.646	106	129499	21.546	ug/l	96
70) Styrene	10.659	104	214881	21.899	ug/l	98
71) Bromoform	10.799	173	40945	19.007	ug/l #	99
73) Isopropylbenzene	10.963	105	326135	22.247	ug/l	100
74) N-amyl acetate	10.842	43	158844	29.314	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	126641	25.867	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	112875m	25.821	ug/l	
77) Bromobenzene	11.201	156	69770	21.140	ug/l	80
78) n-propylbenzene	11.305	91	394332	23.501	ug/l	98
79) 2-Chlorotoluene	11.366	91	232495	22.603	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	274346	22.383	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	34879	25.642	ug/l	88
82) 4-Chlorotoluene	11.457	91	267506	22.784	ug/l	97
83) tert-Butylbenzene	11.719	119	266228	22.186	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	273934	22.296	ug/l	99
85) sec-Butylbenzene	11.890	105	343224	22.913	ug/l	98
86) p-Isopropyltoluene	12.012	119	278413	22.355	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132552	21.006	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	135219	21.465	ug/l	96
89) n-Butylbenzene	12.335	91	249763	23.286	ug/l	97
90) Hexachloroethane	12.542	117	40474	22.456	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	133754	21.584	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27039	24.642	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	75094	20.068	ug/l	97
94) Hexachlorobutadiene	13.725	225	27023	18.086	ug/l	96
95) Naphthalene	13.780	128	330728	23.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77123	20.475	ug/l	92

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

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