

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029287.D
 Acq On : 07 Jun 2022 20:05
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 08 01:56:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 01:54:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	186695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	305843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58280	26.063	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	52.120%#		
35) Dibromofluoromethane	5.385	113	48432	22.990	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	45.980%#		
50) Toluene-d8	8.653	98	172646	22.625	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	45.260%#		
62) 4-Bromofluorobenzene	11.085	95	68888	23.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	46.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57455	30.930	ug/l	100
3) Chloromethane	1.288	50	62177	31.995	ug/l	97
4) Vinyl Chloride	1.373	62	66126	31.198	ug/l	96
5) Bromomethane	1.611	94	35555	31.917	ug/l	97
6) Chloroethane	1.684	64	29677	22.951	ug/l	99
7) Trichlorofluoromethane	1.886	101	97028	29.896	ug/l	95
8) Diethyl Ether	2.136	74	37464	30.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	58714	30.464	ug/l	97
10) Methyl Iodide	2.453	142	62557	28.512	ug/l	95
11) Tert butyl alcohol	3.001	59	90032	160.625	ug/l #	81
12) 1,1-Dichloroethene	2.318	96	55841	29.534	ug/l	96
13) Acrolein	2.239	56	33666	138.413	ug/l	100
14) Allyl chloride	2.666	41	91853	31.826	ug/l	95
15) Acrylonitrile	3.068	53	181336	158.455	ug/l	98
16) Acetone	2.392	43	153102	161.893	ug/l	97
17) Carbon Disulfide	2.514	76	132070	26.096	ug/l	98
18) Methyl Acetate	2.709	43	81384	32.952	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	198989	30.945	ug/l	98
20) Methylene Chloride	2.788	84	66076	30.428	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	64117	30.249	ug/l	96
22) Diisopropyl ether	3.763	45	191203	32.880	ug/l #	84
23) Vinyl Acetate	3.727	43	810350	166.023	ug/l	97
24) 1,1-Dichloroethane	3.611	63	111491	31.326	ug/l	99
25) 2-Butanone	4.568	43	248094	161.680	ug/l	98
26) 2,2-Dichloropropane	4.483	77	77193	27.438	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	74262	29.486	ug/l	95
28) Bromochloromethane	4.903	49	41607	29.048	ug/l	97
29) Tetrahydrofuran	5.013	42	163175	164.888	ug/l	94
30) Chloroform	5.098	83	120703	30.970	ug/l	98
31) Cyclohexane	5.470	56	103191	31.971	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	102582	29.309	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87066	29.722	ug/l	100
37) Ethyl Acetate	4.720	43	93257	32.225	ug/l	99
38) Carbon Tetrachloride	5.684	117	89500	27.570	ug/l	97
39) Methylcyclohexane	7.385	83	105860	29.301	ug/l	92
40) Benzene	6.043	78	263537	30.440	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50258	32.283	ug/l	94
42) 1,2-Dichloroethane	6.092	62	92308	31.211	ug/l	100
43) Isopropyl Acetate	6.348	43	134618	30.090	ug/l	97
44) Trichloroethene	7.135	130	67910	23.770	ug/l	97
45) 1,2-Dichloropropane	7.433	63	63699	30.368	ug/l	100
46) Dibromomethane	7.586	93	46446	28.893	ug/l	94
47) Bromodichloromethane	7.824	83	87847	27.975	ug/l	98
48) Methyl methacrylate	7.696	41	70062	31.899	ug/l	91
49) 1,4-Dioxane	7.689	88	36054	556.825	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	477986	160.160	ug/l	96
52) Toluene	8.720	92	172496	29.947	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	84691	26.303	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	97430	27.332	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	68554	28.832	ug/l	97
56) Ethyl methacrylate	9.122	69	101068	29.422	ug/l	91
57) 1,3-Dichloropropane	9.311	76	115406	30.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	237072	146.709	ug/l	99
59) 2-Hexanone	9.433	43	366210	158.168	ug/l	93
60) Dibromochloromethane	9.524	129	63753	24.358	ug/l	96
61) 1,2-Dibromoethane	9.610	107	73589	28.643	ug/l	100
64) Tetrachloroethene	9.274	164	62429	24.468	ug/l	95
65) Chlorobenzene	10.079	112	180908	25.690	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	63311	23.570	ug/l	99
67) Ethyl Benzene	10.195	91	325151	27.090	ug/l	99
68) m/p-Xylenes	10.305	106	255504	53.405	ug/l	98
69) o-Xylene	10.646	106	124838	26.494	ug/l	99
70) Styrene	10.658	104	207581	26.461	ug/l	98
71) Bromoform	10.805	173	43427	19.423	ug/l #	99
73) Isopropylbenzene	10.963	105	321917	23.061	ug/l	99
74) N-amyl acetate	10.847	43	109422	23.820	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	105322	22.458	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	95026m	22.573	ug/l	
77) Bromobenzene	11.201	156	73263	20.136	ug/l	94
78) n-propylbenzene	11.305	91	367658	23.587	ug/l	99
79) 2-Chlorotoluene	11.366	91	228543	23.284	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	274764	23.028	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25609	18.205	ug/l #	82
82) 4-Chlorotoluene	11.457	91	260829	23.207	ug/l	98
83) tert-Butylbenzene	11.719	119	265060	21.911	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	279902	23.555	ug/l	98
85) sec-Butylbenzene	11.890	105	333768	23.318	ug/l	98
86) p-Isopropyltoluene	12.012	119	277265	22.345	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	142512	20.780	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	143275	20.303	ug/l	97
89) n-Butylbenzene	12.335	91	231516	22.788	ug/l	99
90) Hexachloroethane	12.542	117	41327	18.798	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	141613	20.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21401	20.666	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	81406	19.408	ug/l	99
94) Hexachlorobutadiene	13.725	225	32128	16.970	ug/l	96
95) Naphthalene	13.780	128	294667	21.615	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81944	19.803	ug/l	95

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

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