

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023951.D
 Acq On : 25 Aug 2021 20:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 8/27/2021 12:11:12 PM

Quant Time: Aug 26 07:38:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	186699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	305313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139642	53.590	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.180%			
35) Dibromofluoromethane	5.397	113	104018	51.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.653	98	383304	49.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.085	95	155544	54.936	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	92971	47.198	ug/l	99
3) Chloromethane	1.294	50	101586	46.979	ug/l	99
4) Vinyl Chloride	1.374	62	98517	46.714	ug/l	100
5) Bromomethane	1.599	94	64277	48.476	ug/l	96
6) Chloroethane	1.678	64	64175	41.121	ug/l	99
7) Trichlorofluoromethane	1.886	101	161511	48.496	ug/l	99
8) Diethyl Ether	2.142	74	56983	48.995	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	90026	48.039	ug/l	96
10) Methyl Iodide	2.453	142	131504	50.396	ug/l	92
11) Tert butyl alcohol	2.983	59	134649	255.521	ug/l	99
12) 1,1-Dichloroethene	2.319	96	88952	49.645	ug/l	87
13) Acrolein	2.245	56	70091	223.514	ug/l	96
14) Allyl chloride	2.666	41	161217	48.824	ug/l	90
15) Acrylonitrile	3.074	53	297277	253.191	ug/l	98
16) Acetone	2.392	43	281903	241.958	ug/l	90
17) Carbon Disulfide	2.514	76	223000	52.183	ug/l	99
18) Methyl Acetate	2.715	43	145360	49.977	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	326451	52.349	ug/l	99
20) Methylene Chloride	2.794	84	105924	47.596	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	96383	50.361	ug/l	96
22) Diisopropyl ether	3.776	45	335232	50.973	ug/l	93
23) Vinyl Acetate	3.733	43	1390688	261.403	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	185073	50.565	ug/l	97
25) 2-Butanone	4.568	43	443841	251.511	ug/l	91
26) 2,2-Dichloropropane	4.483	77	105210	35.023	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	111732	49.064	ug/l	96
28) Bromochloromethane	4.910	49	94365	56.703	ug/l	92
29) Tetrahydrofuran	5.019	42	287764	251.751	ug/l	88
30) Chloroform	5.105	83	196344	50.663	ug/l	98
31) Cyclohexane	5.476	56	163563	48.858	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	174737	52.656	ug/l	97
36) 1,1-Dichloropropene	5.702	75	141080	49.897	ug/l	99
37) Ethyl Acetate	4.727	43	169187	48.679	ug/l #	94
38) Carbon Tetrachloride	5.684	117	154555	52.421	ug/l	97
39) Methylcyclohexane	7.385	83	162855	47.305	ug/l	95
40) Benzene	6.050	78	411506	49.220	ug/l	99

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41) Methacrylonitrile	4.928	41	94046	49.915	ug/l	90
42) 1,2-Dichloroethane	6.098	62	169408	51.556	ug/l	94
43) Isopropyl Acetate	6.348	43	273638	50.335	ug/l #	92
44) Trichloroethene	7.135	130	111038	48.078	ug/l	99
45) 1,2-Dichloropropane	7.440	63	109304	49.234	ug/l	99
46) Dibromomethane	7.586	93	78070	50.532	ug/l	98
47) Bromodichloromethane	7.830	83	146023	52.246	ug/l	98
48) Methyl methacrylate	7.702	41	135815	51.212	ug/l	85
49) 1,4-Dioxane	7.665	88	57333	1022.906	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	917433	261.067	ug/l	89
52) Toluene	8.726	92	268226	49.510	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	157639	43.936	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	163932	48.405	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	112569	50.470	ug/l	99
56) Ethyl methacrylate	9.122	69	179905	47.248	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	185892	50.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	434855	242.124	ug/l	96
59) 2-Hexanone	9.433	43	738950	273.558	ug/l	87
60) Dibromochloromethane	9.525	129	115106	46.839	ug/l	99
61) 1,2-Dibromoethane	9.616	107	118078	50.113	ug/l	99
64) Tetrachloroethene	9.281	164	111863	48.367	ug/l	98
65) Chlorobenzene	10.085	112	297983	49.315	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	109327	50.835	ug/l	99
67) Ethyl Benzene	10.195	91	529317	50.164	ug/l	100
68) m/p-Xylenes	10.305	106	414244	103.069	ug/l	99
69) o-Xylene	10.646	106	206368	52.251	ug/l	100
70) Styrene	10.658	104	347868	54.064	ug/l	97
71) Bromoform	10.805	173	87982	50.333	ug/l #	100
73) Isopropylbenzene	10.963	105	537757	47.015	ug/l	100
74) N-amyl acetate	10.847	43	258417	49.993	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	177713	47.408	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	165755m	47.384	ug/l	
77) Bromobenzene	11.201	156	135820	48.211	ug/l	96
78) n-propylbenzene	11.305	91	625431	47.807	ug/l	99
79) 2-Chlorotoluene	11.366	91	384850	48.671	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	461895	49.140	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	51202	43.055	ug/l #	86
82) 4-Chlorotoluene	11.457	91	440447	49.073	ug/l	99
83) tert-Butylbenzene	11.719	119	444071	48.643	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	462467	49.345	ug/l	99
85) sec-Butylbenzene	11.896	105	568743	49.208	ug/l	100
86) p-Isopropyltoluene	12.012	119	471071	49.521	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	245552	48.176	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	242016	47.609	ug/l	98
89) n-Butylbenzene	12.335	91	402328	47.369	ug/l	97
90) Hexachloroethane	12.542	117	79681	48.111	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	236839	47.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39768	45.452	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	136491	45.928	ug/l	99
94) Hexachlorobutadiene	13.725	225	60168	45.424	ug/l	98
95) Naphthalene	13.780	128	488461	44.673	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	142967	48.304	ug/l	99

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

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