

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021615.D
 Acq On : 30 Mar 2021 06:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:34:15 PM

Quant Time: Mar 30 07:16:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	85971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	149034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	139703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	65939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	75516	52.79	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.58%
35) Dibromofluoromethane	5.464	113	54342	51.33	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.66%
50) Toluene-d8	8.694	98	188462	49.96	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.92%
62) 4-Bromofluorobenzene	11.118	95	73839	50.34	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.68%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	44085	46.65	ug/l	99
3) Chloromethane	1.311	50	52110	47.97	ug/l	99
4) Vinyl Chloride	1.393	62	48356	50.03	ug/l	100
5) Bromomethane	1.623	94	21563	55.43	ug/l	99
6) Chloroethane	1.699	64	30142	49.17	ug/l	98
7) Trichlorofluoromethane	1.911	101	79420	50.52	ug/l	95
8) Diethyl Ether	2.170	74	26680	48.91	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.358	101	42789	48.35	ug/l	97
10) Methyl Iodide	2.487	142	40057	56.91	ug/l #	88
11) Tert butyl alcohol	3.017	59	58377	246.86	ug/l	97
12) 1,1-Dichloroethene	2.352	96	41880	48.34	ug/l	89
13) Acrolein	2.270	56	18184	154.12	ug/l	99
14) Allyl chloride	2.705	41	81719	46.47	ug/l #	89
15) Acrylonitrile	3.117	53	139496	248.21	ug/l	97
16) Acetone	2.423	43	134848	249.32	ug/l	89
17) Carbon Disulfide	2.546	76	104858	43.10	ug/l	99
18) Methyl Acetate	2.746	43	84762	54.25	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	164550	50.86	ug/l	98
20) Methylene Chloride	2.835	84	49989	47.36	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	46700	49.07	ug/l	95
22) Diisopropyl ether	3.823	45	175841	51.47	ug/l #	96
23) Vinyl Acetate	3.782	43	724859	250.82	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	93206	50.60	ug/l	97
25) 2-Butanone	4.635	43	204203	249.07	ug/l	91
26) 2,2-Dichloropropane	4.547	77	48973	30.69	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	55647	50.36	ug/l	95
28) Bromochloromethane	4.976	49	48266	52.34	ug/l	89
29) Tetrahydrofuran	5.088	42	133789	251.68	ug/l	86
30) Chloroform	5.170	83	100689	51.79	ug/l	98
31) Cyclohexane	5.547	56	76162	48.42	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	88478	51.36	ug/l	97
36) 1,1-Dichloropropene	5.764	75	68418	46.85	ug/l	98
37) Ethyl Acetate	4.788	43	77536	45.92	ug/l #	93
38) Carbon Tetrachloride	5.753	117	77367	49.30	ug/l	96
39) Methylcyclohexane	7.441	83	72698	44.91	ug/l	93
40) Benzene	6.111	78	202380	48.81	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	45972	46.94	ug/l	88
42) 1,2-Dichloroethane	6.158	62	87439	48.64	ug/l	93
43) Isopropyl Acetate	6.411	43	129833	47.36	ug/l #	91
44) Trichloroethene	7.182	130	54180	49.51	ug/l	100
45) 1,2-Dichloropropane	7.488	63	54794	48.78	ug/l	97
46) Dibromomethane	7.635	93	39016	47.65	ug/l	95
47) Bromodichloromethane	7.876	83	82621	49.59	ug/l	98
48) Methyl methacrylate	7.741	41	70019	47.88	ug/l #	82
49) 1,4-Dioxane	7.712	88	26360	1006.76	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	420083	249.11	ug/l	88
52) Toluene	8.765	92	126677	49.46	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	77837	46.26	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	82714	46.20	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	54154	50.10	ug/l	98
56) Ethyl methacrylate	9.159	69	81576	44.90	ug/l #	77
57) 1,3-Dichloropropane	9.353	76	91491	49.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	221749	242.72	ug/l	97
59) 2-Hexanone	9.471	43	314871	248.66	ug/l	85
60) Dibromochloromethane	9.565	129	62901	51.95	ug/l	98
61) 1,2-Dibromoethane	9.653	107	57585	49.59	ug/l	100
64) Tetrachloroethene	9.318	164	47852	51.13	ug/l	94
65) Chlorobenzene	10.118	112	133849	47.69	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.206	131	53175	49.45	ug/l	99
67) Ethyl Benzene	10.235	91	249787	48.83	ug/l	99
68) m/p-Xylenes	10.341	106	182451	100.11	ug/l	94
69) o-Xylene	10.683	106	88291	50.02	ug/l	95
70) Styrene	10.694	104	150625	49.62	ug/l	95
71) Bromoform	10.841	173	43605	49.90	ug/l	99
73) Isopropylbenzene	11.000	105	239964	51.80	ug/l	100
74) N-amyl acetate	10.877	43	112697	50.27	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	81897	50.03	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	77859m	50.72	ug/l	
77) Bromobenzene	11.236	156	58916	51.30	ug/l	96
78) n-propylbenzene	11.342	91	279670	51.11	ug/l	98
79) 2-Chlorotoluene	11.406	91	169537	51.08	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	205784	51.99	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	21915	43.49	ug/l #	85
82) 4-Chlorotoluene	11.494	91	198988	50.50	ug/l	97
83) tert-Butylbenzene	11.753	119	197406	51.22	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	209359	52.47	ug/l	98
85) sec-Butylbenzene	11.930	105	228766	51.46	ug/l	99
86) p-Isopropyltoluene	12.047	119	206152	50.95	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	105338	50.93	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	106401	49.73	ug/l	99
89) n-Butylbenzene	12.371	91	181378	48.92	ug/l	96
90) Hexachloroethane	12.577	117	37438	51.27	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	102274	50.86	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18836	45.83	ug/l	84
93) 1,2,4-Trichlorobenzene	13.630	180	66399	50.38	ug/l	98
94) Hexachlorobutadiene	13.765	225	27666	46.51	ug/l	98
95) Naphthalene	13.818	128	222700	51.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	67186	51.00	ug/l	98

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

