

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022406.D
 Acq On : 04 Jun 2021 07:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2021 1:55:36 PM

Quant Time: Jun 04 07:40:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	62416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	134956	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67016	69.605	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	139.200%#
35) Dibromofluoromethane	5.391	113	49416	57.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.480%
50) Toluene-d8	8.653	98	164331	49.846	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.085	95	61423	50.407	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	37877	49.917	ug/l	98
3) Chloromethane	1.294	50	54889	67.062	ug/l	98
4) Vinyl Chloride	1.374	62	49441	57.085	ug/l	99
5) Bromomethane	1.599	94	35448	70.203	ug/l	99
6) Chloroethane	1.678	64	33550	65.057	ug/l	98
7) Trichlorofluoromethane	1.886	101	62947	50.549	ug/l	98
8) Diethyl Ether	2.136	74	33745	63.010	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	34921	47.225	ug/l	90
10) Methyl Iodide	2.453	142	53122	66.848	ug/l	95
11) Tert butyl alcohol	2.977	59	79998	363.274	ug/l	100
12) 1,1-Dichloroethene	2.319	96	40593	56.746	ug/l	98
13) Acrolein	2.239	56	43681	299.075	ug/l	98
14) Allyl chloride	2.666	41	83592	63.623	ug/l	95
15) Acrylonitrile	3.075	53	165080	380.774	ug/l	99
16) Acetone	2.386	43	154934	369.564	ug/l	96
17) Carbon Disulfide	2.514	76	90041	48.058	ug/l	98
18) Methyl Acetate	2.709	43	83236	74.655	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	170297	69.494	ug/l	96
20) Methylene Chloride	2.794	84	58658	63.016	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	47623	61.204	ug/l	99
22) Diisopropyl ether	3.770	45	179366	70.879	ug/l	92
23) Vinyl Acetate	3.733	43	885833	363.563	ug/l	96
24) 1,1-Dichloroethane	3.617	63	98762	66.504	ug/l	98
25) 2-Butanone	4.568	43	259591	382.743	ug/l	93
26) 2,2-Dichloropropane	4.483	77	40768	30.925	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	60473	63.907	ug/l	98
28) Bromochloromethane	4.910	49	49646	68.911	ug/l #	80
29) Tetrahydrofuran	5.019	42	154213	382.017	ug/l	90
30) Chloroform	5.099	83	97784	63.728	ug/l	96
31) Cyclohexane	5.477	56	59998	49.589	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	73550	56.095	ug/l	98
36) 1,1-Dichloropropene	5.702	75	61082	48.947	ug/l	97
37) Ethyl Acetate	4.727	43	101989	66.670	ug/l	94
38) Carbon Tetrachloride	5.684	117	54505	44.649	ug/l	97
39) Methylcyclohexane	7.385	83	60867	43.005	ug/l	98
40) Benzene	6.044	78	216492	56.383	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	55838	68.229	ug/l	92
42) 1,2-Dichloroethane	6.092	62	85209	63.343	ug/l	98
43) Isopropyl Acetate	6.354	43	162905	65.104	ug/l	93
44) Trichloroethene	7.135	130	45307	47.484	ug/l	94
45) 1,2-Dichloropropane	7.434	63	58762	59.993	ug/l	97
46) Dibromomethane	7.586	93	40273	60.606	ug/l #	87
47) Bromodichloromethane	7.830	83	73156	55.015	ug/l	97
48) Methyl methacrylate	7.696	41	77126	66.883	ug/l	90
49) 1,4-Dioxane	7.665	88	32013	1425.859	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	524101	349.669	ug/l	90
52) Toluene	8.720	92	122999	50.583	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	79462	51.769	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	85239	51.654	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	58722	59.487	ug/l	98
56) Ethyl methacrylate	9.122	69	100178	62.792	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	103734	61.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	248214	287.664	ug/l	96
59) 2-Hexanone	9.433	43	402514	357.062	ug/l	89
60) Dibromochloromethane	9.525	129	51819	53.958	ug/l	100
61) 1,2-Dibromoethane	9.616	107	60203	61.253	ug/l	99
64) Tetrachloroethene	9.275	164	37558	48.150	ug/l #	87
65) Chlorobenzene	10.079	112	126007	50.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46768	54.420	ug/l	98
67) Ethyl Benzene	10.195	91	222524	48.909	ug/l	100
68) m/p-Xylenes	10.305	106	165839	96.447	ug/l	97
69) o-Xylene	10.646	106	85116	50.896	ug/l	98
70) Styrene	10.659	104	145412	53.077	ug/l	98
71) Bromoform	10.805	173	31993	48.618	ug/l #	99
73) Isopropylbenzene	10.963	105	206723	45.933	ug/l	99
74) N-amyl acetate	10.848	43	143866	67.347	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	94833	63.574	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	86948m	66.281	ug/l	
77) Bromobenzene	11.201	156	49067	51.420	ug/l	85
78) n-propylbenzene	11.305	91	244381	46.360	ug/l	97
79) 2-Chlorotoluene	11.366	91	153231	47.926	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	176672	47.365	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	25374	45.830	ug/l	94
82) 4-Chlorotoluene	11.457	91	172928	46.946	ug/l	97
83) tert-Butylbenzene	11.719	119	162644	45.465	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	181960	48.465	ug/l	98
85) sec-Butylbenzene	11.896	105	205235	45.146	ug/l	98
86) p-Isopropyltoluene	12.012	119	174309	45.398	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	88020	47.841	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	88204	46.380	ug/l	96
89) n-Butylbenzene	12.335	91	158584	44.651	ug/l	97
90) Hexachloroethane	12.542	117	26116	41.157	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	89931	50.888	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19878	62.274	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	51438	48.237	ug/l	98
94) Hexachlorobutadiene	13.731	225	17139	41.178	ug/l	97
95) Naphthalene	13.780	128	253983	61.073	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	54135	50.362	ug/l	97

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

