

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024559.D
 Acq On : 05 Oct 2021 07:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 6:04:58 PM

Quant Time: Oct 05 08:36:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	153208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101337	46.93	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.86%		
35) Dibromofluoromethane	5.391	113	80503	50.38	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.76%		
50) Toluene-d8	8.653	98	258650	43.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.96%#		
62) 4-Bromofluorobenzene	11.085	95	107164	46.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.68%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	73873	47.92	ug/l	98
3) Chloromethane	1.294	50	72311	49.76	ug/l	99
4) Vinyl Chloride	1.373	62	79584	52.36	ug/l	99
5) Bromomethane	1.599	94	27359	26.74	ug/l	95
6) Chloroethane	1.678	64	46789	46.23	ug/l	98
7) Trichlorofluoromethane	1.879	101	124136	46.28	ug/l	96
8) Diethyl Ether	2.136	74	43649	47.81	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	80921	53.50	ug/l	97
10) Methyl Iodide	2.453	142	64826	30.63	ug/l	94
11) Tert butyl alcohol	2.977	59	122740	244.11	ug/l	98
12) 1,1-Dichloroethene	2.318	96	77773	55.38	ug/l	97
13) Acrolein	2.239	56	31297	267.27	ug/l	98
14) Allyl chloride	2.666	41	140770	54.82	ug/l	96
15) Acrylonitrile	3.068	53	280974	286.43	ug/l	98
16) Acetone	2.386	43	255708	281.97	ug/l	92
17) Carbon Disulfide	2.507	76	176821	48.85	ug/l	100
18) Methyl Acetate	2.709	43	182434	56.42	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	306997	58.00	ug/l	99
20) Methylene Chloride	2.794	84	95789	59.51	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	86179	54.04	ug/l	96
22) Diisopropyl ether	3.769	45	304139	57.98	ug/l	97
23) Vinyl Acetate	3.727	43	1207501	284.25	ug/l	95
24) 1,1-Dichloroethane	3.617	63	168178	57.74	ug/l	97
25) 2-Butanone	4.568	43	403424	271.29	ug/l	93
26) 2,2-Dichloropropane	4.483	77	87476	33.39	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	104784	56.22	ug/l	98
28) Bromochloromethane	4.903	49	70713	53.48	ug/l	98
29) Tetrahydrofuran	5.013	42	267297	282.10	ug/l	91
30) Chloroform	5.105	83	180377	56.07	ug/l	99
31) Cyclohexane	5.476	56	139751	54.05	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	158882	55.63	ug/l	99
36) 1,1-Dichloropropene	5.702	75	122440	53.09	ug/l	99
37) Ethyl Acetate	4.727	43	151769	52.71	ug/l	95
38) Carbon Tetrachloride	5.678	117	139024	55.38	ug/l	98
39) Methylcyclohexane	7.385	83	119597	44.29	ug/l	92
40) Benzene	6.043	78	371581	56.35	ug/l	100

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41) Methacrylonitrile	4.928	41	87143	58.61	ug/l	93
42) 1,2-Dichloroethane	6.092	62	141100	50.95	ug/l	94
43) Isopropyl Acetate	6.348	43	219777	50.21	ug/l	93
44) Trichloroethene	7.129	130	87241	48.08	ug/l	99
45) 1,2-Dichloropropane	7.439	63	86186	50.66	ug/l	97
46) Dibromomethane	7.586	93	63550	49.82	ug/l	98
47) Bromodichloromethane	7.824	83	123609	52.87	ug/l	97
48) Methyl methacrylate	7.696	41	110035	50.77	ug/l	86
49) 1,4-Dioxane	7.665	88	45471	915.95	ug/l #	95
51) 4-Methyl-2-Pentanone	8.579	43	729229	252.36	ug/l	91
52) Toluene	8.720	92	210783	49.48	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	125214	47.25	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	130822	48.55	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	91130	51.74	ug/l	99
56) Ethyl methacrylate	9.122	69	141870	50.61	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	149661	50.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	331347	239.45	ug/l	98
59) 2-Hexanone	9.433	43	569315	250.17	ug/l	88
60) Dibromochloromethane	9.524	129	95308	47.74	ug/l	99
61) 1,2-Dibromoethane	9.616	107	97800	50.58	ug/l	100
64) Tetrachloroethene	9.274	164	78633	49.41	ug/l	95
65) Chlorobenzene	10.085	112	236134	49.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	91556	51.29	ug/l	100
67) Ethyl Benzene	10.195	91	423509	49.95	ug/l	99
68) m/p-Xylenes	10.305	106	327848	100.83	ug/l	97
69) o-Xylene	10.646	106	164828	51.26	ug/l	99
70) Styrene	10.658	104	276305	51.39	ug/l	97
71) Bromoform	10.805	173	72524	46.77	ug/l #	98
73) Isopropylbenzene	10.963	105	439967	47.26	ug/l	100
74) N-amyl acetate	10.847	43	200221	46.76	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	160724	48.82	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	142492m	47.65	ug/l	
77) Bromobenzene	11.201	156	115221	48.10	ug/l	94
78) n-propylbenzene	11.305	91	531523	48.84	ug/l	99
79) 2-Chlorotoluene	11.366	91	335940	50.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	411916	51.80	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	42390	39.49	ug/l	93
82) 4-Chlorotoluene	11.457	91	385461	49.42	ug/l	99
83) tert-Butylbenzene	11.719	119	407052	51.05	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	410908	51.97	ug/l	100
85) sec-Butylbenzene	11.896	105	502608	51.24	ug/l	99
86) p-Isopropyltoluene	12.012	119	419262	50.13	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	223804	49.06	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	225964	47.95	ug/l	100
89) n-Butylbenzene	12.335	91	347670	46.94	ug/l	98
90) Hexachloroethane	12.542	117	69147	50.27	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	226198	50.16	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39010	49.07	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	139935	48.73	ug/l	99
94) Hexachlorobutadiene	13.725	225	57775	43.99	ug/l	99
95) Naphthalene	13.780	128	511279	55.63	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141914	48.23	ug/l	99

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

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