

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023410.D
 Acq On : 23 Jul 2021 06:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:14:01 PM

Quant Time: Jul 23 08:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	208884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	343829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132840	50.982	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.960%			
35) Dibromofluoromethane	5.397	113	109138	50.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	8.653	98	403539	51.092	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.180%			
62) 4-Bromofluorobenzene	11.085	95	137501	51.197	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	103043	53.620	ug/l	100
3) Chloromethane	1.294	50	118722	53.033	ug/l	98
4) Vinyl Chloride	1.374	62	118966	52.499	ug/l	98
5) Bromomethane	1.599	94	67107	49.881	ug/l	99
6) Chloroethane	1.679	64	76485	54.996	ug/l	97
7) Trichlorofluoromethane	1.886	101	191956	52.578	ug/l	97
8) Diethyl Ether	2.136	74	71011	52.697	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	106178	51.334	ug/l	97
10) Methyl Iodide	2.453	142	137879	53.206	ug/l	97
11) Tert butyl alcohol	2.977	59	154699	259.895	ug/l	98
12) 1,1-Dichloroethene	2.319	96	105724	51.511	ug/l	98
13) Acrolein	2.239	56	86420	285.400	ug/l	98
14) Allyl chloride	2.666	41	181584	48.662	ug/l	95
15) Acrylonitrile	3.075	53	363089	270.130	ug/l	99
16) Acetone	2.386	43	325127	254.367	ug/l	94
17) Carbon Disulfide	2.514	76	245684	48.545	ug/l	100
18) Methyl Acetate	2.709	43	160767	52.910	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	379599	53.192	ug/l	99
20) Methylene Chloride	2.794	84	124101	49.915	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	115097	52.789	ug/l	99
22) Diisopropyl ether	3.770	45	395929	53.751	ug/l	94
23) Vinyl Acetate	3.733	43	1762342	271.029	ug/l	94
24) 1,1-Dichloroethane	3.617	63	215401	53.204	ug/l	97
25) 2-Butanone	4.568	43	529363	266.770	ug/l	96
26) 2,2-Dichloropropane	4.489	77	107555	32.482	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	134475	53.108	ug/l	96
28) Bromochloromethane	4.904	49	98353	52.053	ug/l	95
29) Tetrahydrofuran	5.019	42	349367	268.603	ug/l	90
30) Chloroform	5.105	83	220860	53.298	ug/l	99
31) Cyclohexane	5.477	56	194186	50.309	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	191078	53.954	ug/l	98
36) 1,1-Dichloropropene	5.696	75	160609	51.638	ug/l	99
37) Ethyl Acetate	4.727	43	201292	51.329	ug/l	95
38) Carbon Tetrachloride	5.684	117	166415	52.611	ug/l	98
39) Methylcyclohexane	7.385	83	196634	50.060	ug/l	98
40) Benzene	6.044	78	486534	52.758	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	107721	52.023	ug/l	93
42) 1,2-Dichloroethane	6.098	62	178079	52.226	ug/l	96
43) Isopropyl Acetate	6.348	43	317453	52.241	ug/l	93
44) Trichloroethene	7.129	130	130107	51.355	ug/l	98
45) 1,2-Dichloropropane	7.434	63	127082	52.077	ug/l	96
46) Dibromomethane	7.586	93	88955	53.741	ug/l	99
47) Bromodichloromethane	7.830	83	159968	53.642	ug/l	97
48) Methyl methacrylate	7.696	41	154082	54.749	ug/l	89
49) 1,4-Dioxane	7.665	88	62807	1048.042	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1014242	272.878	ug/l	91
52) Toluene	8.720	92	306018	53.563	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	170727	45.315	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	187924	50.550	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	128641	55.604	ug/l	99
56) Ethyl methacrylate	9.122	69	205158	55.321	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	212431	54.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	507600	258.381	ug/l	97
59) 2-Hexanone	9.433	43	766357	271.520	ug/l	88
60) Dibromochloromethane	9.525	129	125116	48.842	ug/l	98
61) 1,2-Dibromoethane	9.616	107	136176	55.170	ug/l	99
64) Tetrachloroethene	9.275	164	112221	45.072	ug/l	96
65) Chlorobenzene	10.086	112	329849	51.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	121594	49.431	ug/l	99
67) Ethyl Benzene	10.195	91	577317	51.986	ug/l	99
68) m/p-Xylenes	10.305	106	439611	102.930	ug/l	98
69) o-Xylene	10.646	106	214264	50.601	ug/l	100
70) Styrene	10.659	104	356624	53.156	ug/l	99
71) Bromoform	10.805	173	84353	44.181	ug/l #	99
73) Isopropylbenzene	10.963	105	567473	54.034	ug/l	99
74) N-amyl acetate	10.848	43	260028	54.272	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	183521	53.645	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	162870m	53.178	ug/l	
77) Bromobenzene	11.201	156	137089	54.113	ug/l	95
78) n-propylbenzene	11.305	91	644045	54.186	ug/l	99
79) 2-Chlorotoluene	11.366	91	377377	53.134	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	457761	53.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	49375	43.348	ug/l	92
82) 4-Chlorotoluene	11.457	91	423741	52.736	ug/l	100
83) tert-Butylbenzene	11.719	119	458941	54.705	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	462304	54.342	ug/l	100
85) sec-Butylbenzene	11.896	105	573961	52.764	ug/l	100
86) p-Isopropyltoluene	12.012	119	467219	53.188	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	244993	52.272	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	240626	50.597	ug/l	99
89) n-Butylbenzene	12.335	91	401528	50.494	ug/l	98
90) Hexachloroethane	12.542	117	75912	48.318	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	235363	51.863	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39562	47.766	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	148099	51.942	ug/l	100
94) Hexachlorobutadiene	13.725	225	60150	47.008	ug/l	99
95) Naphthalene	13.780	128	543585	55.450	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153335	53.255	ug/l	99

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

