

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072821\
 Data File : VX023490.D
 Acq On : 28 Jul 2021 14:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 9:26:40 AM

Quant Time: Jul 28 19:44:58 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	220564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132339	48.100	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.200%		
35) Dibromofluoromethane	5.391	113	106280	48.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.653	98	400559	50.210	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.420%		
62) 4-Bromofluorobenzene	11.085	95	154984	57.132	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	105655	52.068	ug/l	99
3) Chloromethane	1.294	50	119769	50.668	ug/l	98
4) Vinyl Chloride	1.374	62	119036	49.748	ug/l	99
5) Bromomethane	1.599	94	66267	46.648	ug/l	98
6) Chloroethane	1.678	64	76060	51.794	ug/l	98
7) Trichlorofluoromethane	1.880	101	197628	51.265	ug/l	96
8) Diethyl Ether	2.136	74	70480	49.534	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	112300	51.419	ug/l	96
10) Methyl Iodide	2.453	142	147305	53.833	ug/l	97
11) Tert butyl alcohol	2.983	59	156000	248.202	ug/l	98
12) 1,1-Dichloroethene	2.319	96	106419	49.104	ug/l	99
13) Acrolein	2.239	56	74090	231.980	ug/l	99
14) Allyl chloride	2.666	41	195528	49.625	ug/l	94
15) Acrylonitrile	3.068	53	350216	246.755	ug/l	98
16) Acetone	2.386	43	325138	240.906	ug/l	92
17) Carbon Disulfide	2.508	76	233742	43.740	ug/l	100
18) Methyl Acetate	2.709	43	161581	50.362	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	387522	51.427	ug/l	100
20) Methylene Chloride	2.788	84	126395	48.145	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	113320	49.222	ug/l	98
22) Diisopropyl ether	3.769	45	401216	51.584	ug/l	97
23) Vinyl Acetate	3.727	43	1766246	257.245	ug/l	95
24) 1,1-Dichloroethane	3.611	63	217739	50.933	ug/l	98
25) 2-Butanone	4.568	43	515206	245.887	ug/l	93
26) 2,2-Dichloropropane	4.477	77	181438	51.892	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	134712	50.385	ug/l	98
28) Bromochloromethane	4.903	49	96050	48.143	ug/l	94
29) Tetrahydrofuran	5.013	42	335549	244.318	ug/l	89
30) Chloroform	5.099	83	220989	50.505	ug/l	97
31) Cyclohexane	5.476	56	195850	48.053	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	193329	51.699	ug/l	98
36) 1,1-Dichloropropene	5.696	75	164407	52.333	ug/l	99
37) Ethyl Acetate	4.721	43	197873	49.955	ug/l	95
38) Carbon Tetrachloride	5.684	117	165830	51.905	ug/l	97
39) Methylcyclohexane	7.385	83	208308	52.504	ug/l	97
40) Benzene	6.043	78	479383	51.466	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	107496	51.398	ug/l	93
42) 1,2-Dichloroethane	6.092	62	183143	53.177	ug/l	96
43) Isopropyl Acetate	6.348	43	316666	51.593	ug/l	94
44) Trichloroethene	7.129	130	132498	51.779	ug/l	99
45) 1,2-Dichloropropane	7.433	63	128535	52.148	ug/l	94
46) Dibromomethane	7.586	93	86990	52.031	ug/l	99
47) Bromodichloromethane	7.824	83	159210	52.857	ug/l	100
48) Methyl methacrylate	7.696	41	153635	54.047	ug/l	88
49) 1,4-Dioxane	7.659	88	66317	1095.603	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1033242	275.224	ug/l	91
52) Toluene	8.720	92	311435	53.968	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	186788	48.934	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	201622	53.696	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	128782	55.111	ug/l	99
56) Ethyl methacrylate	9.116	69	209175	55.843	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	213022	53.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	510760	257.403	ug/l	97
59) 2-Hexanone	9.433	43	819131	287.330	ug/l	88
60) Dibromochloromethane	9.525	129	126718	48.969	ug/l	99
61) 1,2-Dibromoethane	9.616	107	137578	55.183	ug/l	99
64) Tetrachloroethene	9.275	164	131535	51.103	ug/l	96
65) Chlorobenzene	10.085	112	344171	51.994	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	125176	49.228	ug/l	99
67) Ethyl Benzene	10.195	91	614704	53.544	ug/l	99
68) m/p-Xylenes	10.305	106	476312	107.879	ug/l	99
69) o-Xylene	10.646	106	237574	54.272	ug/l	98
70) Styrene	10.659	104	392816	56.637	ug/l	98
71) Bromoform	10.805	173	92580	46.689	ug/l #	99
73) Isopropylbenzene	10.963	105	621897	51.423	ug/l	98
74) N-amyl acetate	10.847	43	287175	52.049	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	198213	50.314	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	187055m	53.037	ug/l	
77) Bromobenzene	11.201	156	154336	52.902	ug/l	96
78) n-propylbenzene	11.305	91	725205	52.984	ug/l	98
79) 2-Chlorotoluene	11.366	91	430853	52.679	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	522063	53.007	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	66620	50.791	ug/l	93
82) 4-Chlorotoluene	11.457	91	493432	53.327	ug/l	99
83) tert-Butylbenzene	11.719	119	512786	53.079	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	520548	53.135	ug/l	100
85) sec-Butylbenzene	11.896	105	669371	53.437	ug/l	100
86) p-Isopropyltoluene	12.012	119	557343	55.097	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	284680	52.745	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	281786	51.453	ug/l	100
89) n-Butylbenzene	12.335	91	502128	54.834	ug/l	98
90) Hexachloroethane	12.542	117	87259	48.234	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	267151	51.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41746	43.947	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	173120	52.726	ug/l	99
94) Hexachlorobutadiene	13.731	225	77117	52.336	ug/l	99
95) Naphthalene	13.780	128	594071	52.624	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	170916	51.549	ug/l	99

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

