

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022454.D
 Acq On : 05 Jun 2021 07:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 6:51:08 PM

Quant Time: Jun 05 08:15:39 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	72575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	148640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	134551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59029	52.727	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.460%
35) Dibromofluoromethane	5.397	113	45423	48.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	8.653	98	171203	47.150	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.300%
62) 4-Bromofluorobenzene	11.085	95	65153	48.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42134	47.754	ug/l	99
3) Chloromethane	1.294	50	49839	52.368	ug/l	99
4) Vinyl Chloride	1.374	62	51912	51.548	ug/l	99
5) Bromomethane	1.599	94	29741	50.656	ug/l	98
6) Chloroethane	1.678	64	31971	53.317	ug/l	98
7) Trichlorofluoromethane	1.886	101	73496	50.758	ug/l	94
8) Diethyl Ether	2.136	74	29890	48.000	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	42346	49.250	ug/l	91
10) Methyl Iodide	2.453	142	49731	53.821	ug/l	95
11) Tert butyl alcohol	2.977	59	73988	288.952	ug/l	100
12) 1,1-Dichloroethene	2.319	96	44658	53.689	ug/l	99
13) Acrolein	2.239	56	40469	238.297	ug/l	100
14) Allyl chloride	2.666	41	80017	52.377	ug/l	97
15) Acrylonitrile	3.075	53	150665	298.878	ug/l	99
16) Acetone	2.386	43	140438	288.095	ug/l	96
17) Carbon Disulfide	2.514	76	105731	48.533	ug/l	100
18) Methyl Acetate	2.709	43	77325	59.645	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	155956	54.733	ug/l	97
20) Methylene Chloride	2.794	84	55105	50.913	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	49257	54.443	ug/l	93
22) Diisopropyl ether	3.770	45	169135	57.480	ug/l #	93
23) Vinyl Acetate	3.733	43	817543	288.568	ug/l	96
24) 1,1-Dichloroethane	3.617	63	96337	55.791	ug/l	99
25) 2-Butanone	4.568	43	240360	304.781	ug/l	91
26) 2,2-Dichloropropane	4.483	77	40769	26.597	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	59304	53.899	ug/l	96
28) Bromochloromethane	4.903	49	44385	52.984	ug/l #	78
29) Tetrahydrofuran	5.019	42	139721	297.668	ug/l	89
30) Chloroform	5.105	83	95617	53.593	ug/l	98
31) Cyclohexane	5.477	56	75591	53.732	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	79448	52.112	ug/l	98
36) 1,1-Dichloropropene	5.702	75	70041	50.959	ug/l	98
37) Ethyl Acetate	4.727	43	90529	53.730	ug/l	94
38) Carbon Tetrachloride	5.684	117	63699	47.377	ug/l	96
39) Methylcyclohexane	7.385	83	73470	47.131	ug/l	99
40) Benzene	6.044	78	220562	52.154	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	48599	53.917	ug/l	94
42) 1,2-Dichloroethane	6.092	62	78632	53.073	ug/l	97
43) Isopropyl Acetate	6.348	43	150485	54.604	ug/l	93
44) Trichloroethene	7.135	130	50497	48.052	ug/l	95
45) 1,2-Dichloropropane	7.440	63	57341	53.153	ug/l	99
46) Dibromomethane	7.586	93	37882	51.759	ug/l #	85
47) Bromodichloromethane	7.830	83	71734	48.980	ug/l	99
48) Methyl methacrylate	7.702	41	70437	55.459	ug/l	90
49) 1,4-Dioxane	7.665	88	28739	1162.193	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	475239	287.879	ug/l	90
52) Toluene	8.720	92	133887	49.992	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	74782	44.235	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	82103	45.173	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	54067	49.729	ug/l	97
56) Ethyl methacrylate	9.122	69	93576	53.254	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	99014	53.341	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	228927	240.887	ug/l	95
59) 2-Hexanone	9.433	43	359697	289.705	ug/l	90
60) Dibromochloromethane	9.525	129	48774	46.112	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57159	52.802	ug/l	98
64) Tetrachloroethene	9.275	164	40241	45.553	ug/l	90
65) Chlorobenzene	10.079	112	139152	49.681	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	47495	48.800	ug/l	98
67) Ethyl Benzene	10.195	91	259253	50.315	ug/l	100
68) m/p-Xylenes	10.305	106	191059	98.113	ug/l	97
69) o-Xylene	10.646	106	94462	49.876	ug/l	99
70) Styrene	10.659	104	157822	50.867	ug/l	98
71) Bromoform	10.805	173	29615	39.996	ug/l #	100
73) Isopropylbenzene	10.963	105	243441	50.176	ug/l	98
74) N-amyl acetate	10.848	43	135336	58.768	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	88683	55.147	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	78407m	55.443	ug/l	
77) Bromobenzene	11.201	156	51690	50.247	ug/l	83
78) n-propylbenzene	11.305	91	290945	51.197	ug/l	97
79) 2-Chlorotoluene	11.366	91	171779	49.837	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	204962	50.971	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	23002	38.538	ug/l	93
82) 4-Chlorotoluene	11.457	91	198577	50.007	ug/l	97
83) tert-Butylbenzene	11.719	119	192728	49.974	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	207021	51.148	ug/l	98
85) sec-Butylbenzene	11.896	105	245172	50.027	ug/l	98
86) p-Isopropyltoluene	12.012	119	201493	48.679	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	98554	49.688	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	98285	47.940	ug/l	96
89) n-Butylbenzene	12.335	91	184134	48.092	ug/l	98
90) Hexachloroethane	12.542	117	30807	45.034	ug/l	74
91) 1,2-Dichlorobenzene	12.341	146	98353	51.625	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18008	52.331	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	56061	48.766	ug/l	96
94) Hexachlorobutadiene	13.731	225	18155	40.461	ug/l	97
95) Naphthalene	13.780	128	239258	53.367	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56325	48.606	ug/l	97

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

