

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022837.D
 Acq On : 23 Jun 2021 10:06
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 4:59:52 PM

Quant Time: Jun 23 11:19:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 11:18:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	68487	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	6624	5.36	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.72%#
35) Dibromofluoromethane	5.397	113	4298	5.01	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.02%#
50) Toluene-d8	8.653	98	17186	5.11	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.22%#
62) 4-Bromofluorobenzene	11.085	95	5697	4.48	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.96%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	4717	5.66	ug/l	94
3) Chloromethane	1.295	50	5296	5.39	ug/l	99
4) Vinyl Chloride	1.374	62	4743	4.91	ug/l	# 86
5) Bromomethane	1.599	94	3125	6.00	ug/l	97
6) Chloroethane	1.679	64	3048	5.22	ug/l	100
7) Trichlorofluoromethane	1.886	101	7083	5.11	ug/l	97
8) Diethyl Ether	2.136	74	2757	4.97	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	4589	5.41	ug/l	92
10) Methyl Iodide	2.453	142	4158	4.39	ug/l	95
11) Tert butyl alcohol	2.983	59	6993	24.83	ug/l	99
12) 1,1-Dichloroethene	2.319	96	4483	5.30	ug/l	92
13) Acrolein	2.246	56	4437	34.55	ug/l	95
14) Allyl chloride	2.672	41	7951	4.93	ug/l	# 89
15) Acrylonitrile	3.075	53	14773	26.10	ug/l	97
16) Acetone	2.392	43	14296	26.01	ug/l	92
17) Carbon Disulfide	2.514	76	9157	4.77	ug/l	97
18) Methyl Acetate	2.715	43	6889	4.25	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	15683	5.33	ug/l	95
20) Methylene Chloride	2.794	84	5727	4.91	ug/l	# 82
21) trans-1,2-Dichloroethene	3.093	96	4958	5.34	ug/l	91
22) Diisopropyl ether	3.770	45	16997	5.23	ug/l	92
23) Vinyl Acetate	3.733	43	69112	23.47	ug/l	95
24) 1,1-Dichloroethane	3.617	63	10026	5.39	ug/l	98
25) 2-Butanone	4.574	43	21338	24.02	ug/l	95
26) 2,2-Dichloropropane	4.483	77	6643	4.69	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	5315	4.74	ug/l	89
28) Bromochloromethane	4.904	49	4675	5.25	ug/l	# 78
29) Tetrahydrofuran	5.019	42	13852	26.19	ug/l	# 86
30) Chloroform	5.099	83	9754	5.28	ug/l	86
31) Cyclohexane	5.477	56	8601	5.56	ug/l	88
32) 1,1,1-Trichloroethane	5.397	97	7310	5.01	ug/l	97
36) 1,1-Dichloropropene	5.702	75	7182	5.33	ug/l	92
37) Ethyl Acetate	4.727	43	8084	4.79	ug/l	95
38) Carbon Tetrachloride	5.678	117	5538	4.79	ug/l	95
39) Methylcyclohexane	7.391	83	8530	5.93	ug/l	91
40) Benzene	6.044	78	20602	5.18	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	4617	5.15	ug/l	89
42) 1,2-Dichloroethane	6.099	62	7531	5.11	ug/l	97
43) Isopropyl Acetate	6.349	43	12571	4.72	ug/l #	91
44) Trichloroethene	7.129	130	4753	5.08	ug/l	98
45) 1,2-Dichloropropane	7.434	63	5228	4.89	ug/l	91
46) Dibromomethane	7.586	93	3543	5.32	ug/l #	81
47) Bromodichloromethane	7.830	83	5732	4.65	ug/l #	95
48) Methyl methacrylate	7.702	41	5761	4.51	ug/l	86
49) 1,4-Dioxane	7.665	88	2797	113.09	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	40851	24.15	ug/l	89
52) Toluene	8.726	92	12256	4.96	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	5630	3.95	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	7180	4.60	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	4900	4.86	ug/l	96
56) Ethyl methacrylate	9.122	69	7203	4.42	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	8914	5.07	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	20086	22.20	ug/l	99
59) 2-Hexanone	9.433	43	29845	23.16	ug/l	86
60) Dibromochloromethane	9.525	129	3490	4.23	ug/l	96
61) 1,2-Dibromoethane	9.616	107	4985	4.98	ug/l	99
64) Tetrachloroethene	9.275	164	4257	5.45	ug/l	93
65) Chlorobenzene	10.086	112	12982	5.14	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	3932	4.78	ug/l	95
67) Ethyl Benzene	10.195	91	22938	4.92	ug/l	99
68) m/p-Xylenes	10.305	106	17241	10.22	ug/l	96
69) o-Xylene	10.647	106	8161	4.98	ug/l	93
70) Styrene	10.659	104	12957	4.74	ug/l	97
71) Bromoform	10.805	173	1847	3.89	ug/l #	92
73) Isopropylbenzene	10.964	105	22050	5.26	ug/l	96
74) N-amyl acetate	10.848	43	10004	4.48	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	7542	5.11	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	7067m	5.28	ug/l	
77) Bromobenzene	11.201	156	4464	5.03	ug/l	78
78) n-propylbenzene	11.305	91	25408	5.02	ug/l	95
79) 2-Chlorotoluene	11.366	91	15705	5.12	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	16816	4.84	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.025	75	1492	3.34	ug/l #	66
82) 4-Chlorotoluene	11.457	91	17906	5.13	ug/l	91
83) tert-Butylbenzene	11.720	119	16391	5.02	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	17349	4.91	ug/l	98
85) sec-Butylbenzene	11.896	105	21776	5.07	ug/l	98
86) p-Isopropyltoluene	12.012	119	17311	4.91	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	8566	5.06	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	8982	5.17	ug/l	89
89) n-Butylbenzene	12.335	91	15787	4.69	ug/l	94
90) Hexachloroethane	12.543	117	2415	4.82	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	8376	5.09	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1120	3.96	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	4393	4.49	ug/l	97
94) Hexachlorobutadiene	13.731	225	1745	4.96	ug/l	95
95) Naphthalene	13.780	128	16362	4.32	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4455	4.65	ug/l	96

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

