

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022836.D
 Acq On : 23 Jun 2021 09:42
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 4:59:50 PM

Quant Time: Jun 23 11:18:59 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	71006	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	139829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	845	0.98	ug/l	89
3) Chloromethane	1.295	50	957	0.94	ug/l	95
4) Vinyl Chloride	1.374	62	843	0.84	ug/l	95
6) Chloroethane	1.685	64	477	0.79	ug/l	# 54
7) Trichlorofluoromethane	1.892	101	1146	0.80	ug/l	86
8) Diethyl Ether	2.136	74	608	1.06	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	856	0.97	ug/l	# 87
12) 1,1-Dichloroethene	2.325	96	879	1.00	ug/l	94
14) Allyl chloride	2.660	41	1491	0.89	ug/l	# 72
15) Acrylonitrile	3.075	53	2601	4.43	ug/l	96
16) Acetone	2.392	43	3267	5.73	ug/l	96
17) Carbon Disulfide	2.508	76	1990	1.00	ug/l	99
18) Methyl Acetate	2.715	43	1346	0.80	ug/l	# 83
19) Methyl tert-butyl Ether	3.117	73	2481	0.81	ug/l	# 80
20) Methylene Chloride	2.794	84	1344	1.11	ug/l	# 83
21) trans-1,2-Dichloroethene	3.105	96	898	0.93	ug/l	# 74
22) Diisopropyl ether	3.770	45	2622	0.78	ug/l	# 74
23) Vinyl Acetate	3.727	43	10770	3.53	ug/l	# 93
24) 1,1-Dichloroethane	3.623	63	1583	0.82	ug/l	# 92
25) 2-Butanone	4.581	43	3461	3.76	ug/l	# 78
26) 2,2-Dichloropropane	4.477	77	1187	0.81	ug/l	# 73
27) cis-1,2-Dichloroethene	4.507	96	938m	0.81	ug/l	
28) Bromochloromethane	4.904	49	891	0.96	ug/l	# 59
29) Tetrahydrofuran	5.038	42	2344	4.27	ug/l	# 84
30) Chloroform	5.117	83	1656	0.86	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	1180	0.78	ug/l	# 49
36) 1,1-Dichloropropene	5.702	75	1227	0.87	ug/l	# 84
37) Ethyl Acetate	4.733	43	1354	0.77	ug/l	# 64
38) Carbon Tetrachloride	5.696	117	1028m	0.85	ug/l	
39) Methylcyclohexane	7.385	83	1404	0.93	ug/l	# 83
40) Benzene	6.044	78	3465	0.83	ug/l	# 90
41) Methacrylonitrile	4.940	41	739m	0.79	ug/l	
42) 1,2-Dichloroethane	6.099	62	1298	0.84	ug/l	# 73
43) Isopropyl Acetate	6.342	43	2075	0.74	ug/l	# 75
44) Trichloroethene	7.123	130	889	0.91	ug/l	70
45) 1,2-Dichloropropane	7.428	63	797	0.71	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	557	0.80	ug/l	92
47) Bromodichloromethane	7.830	83	898	0.70	ug/l #	97
48) Methyl methacrylate	7.690	41	900	0.67	ug/l #	70
49) 1,4-Dioxane	7.671	88	383	14.81	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	6409	3.62	ug/l #	85
52) Toluene	8.720	92	2021	0.78	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	907	0.61	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	1041	0.64	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	734	0.70	ug/l	88
56) Ethyl methacrylate	9.122	69	1126	0.66	ug/l #	70
57) 1,3-Dichloropropane	9.317	76	1450	0.79	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	4379	4.63	ug/l	94
59) 2-Hexanone	9.433	43	4629	3.43	ug/l	85
60) Dibromochloromethane	9.531	129	582	0.67	ug/l	98
61) 1,2-Dibromoethane	9.610	107	744	0.71	ug/l	92
64) Tetrachloroethene	9.275	164	829	1.02	ug/l #	78
65) Chlorobenzene	10.086	112	2188	0.84	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.171	131	454	0.53	ug/l #	45
67) Ethyl Benzene	10.195	91	3589	0.74	ug/l	94
68) m/p-Xylenes	10.305	106	2731	1.56	ug/l	99
69) o-Xylene	10.647	106	1407	0.83	ug/l	98
70) Styrene	10.659	104	1881	0.66	ug/l #	81
71) Bromoform	10.799	173	217	0.44	ug/l #	87
73) Isopropylbenzene	10.964	105	3628	0.89	ug/l	96
74) N-amyl acetate	10.842	43	1484	0.68	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	1275	0.88	ug/l	92
76) 1,2,3-Trichloropropane	11.238	75	979m	0.75	ug/l	
77) Bromobenzene	11.207	156	722	0.83	ug/l	76
78) n-propylbenzene	11.311	91	4294	0.87	ug/l	91
79) 2-Chlorotoluene	11.366	91	2333	0.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	2495	0.74	ug/l	86
82) 4-Chlorotoluene	11.457	91	2960	0.87	ug/l	93
83) tert-Butylbenzene	11.719	119	2536	0.79	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	2598	0.75	ug/l	99
85) sec-Butylbenzene	11.896	105	3171	0.75	ug/l	96
86) p-Isopropyltoluene	12.012	119	2963	0.86	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	1625	0.98	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	1832m	1.08	ug/l	
89) n-Butylbenzene	12.335	91	2592	0.79	ug/l	98
90) Hexachloroethane	12.536	117	322	0.66	ug/l #	36
91) 1,2-Dichlorobenzene	12.335	146	1658	1.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	239	0.86	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.591	180	956	1.00	ug/l	97
94) Hexachlorobutadiene	13.731	225	375	1.09	ug/l	82
95) Naphthalene	13.780	128	3000	0.81	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	760	0.81	ug/l	85

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

