

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021424.D
 Acq On : 24 Mar 2021 10:04
 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
 3/25/2021 9:49:16 AM

Quant Time: Mar 24 11:40:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 11:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	91534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	151113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	139670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	67239	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	1.187	85	1019	0.95	ug/l	90
3) Chloromethane	1.311	50	1771	0.87	ug/l	99
4) Vinyl Chloride	1.393	62	942	0.86	ug/l #	75
6) Chloroethane	1.705	64	658	0.98	ug/l #	81
7) Trichlorofluoromethane	1.911	101	1537	0.92	ug/l	89
8) Diethyl Ether	2.170	74	563	0.96	ug/l	62
9) 1,1,2-Trichlorotrifluo...	2.370	101	932	0.98	ug/l	94
12) 1,1-Dichloroethene	2.346	96	995	1.08	ug/l	92
14) Allyl chloride	2.705	41	1952	1.03	ug/l #	91
15) Acrylonitrile	3.111	53	2701	4.61	ug/l	95
16) Acetone	2.423	43	3081	5.56	ug/l #	82
17) Carbon Disulfide	2.546	76	3229	1.13	ug/l #	93
18) Methyl Acetate	2.746	43	1429	0.92	ug/l #	88
19) Methyl tert-butyl Ether	3.164	73	3122	0.90	ug/l	93
20) Methylene Chloride	2.829	84	1211	1.07	ug/l #	68
21) trans-1,2-Dichloroethene	3.135	96	1003	0.97	ug/l	96
22) Diisopropyl ether	3.823	45	3275	0.90	ug/l #	90
23) Vinyl Acetate	3.782	43	12954	4.09	ug/l	95
24) 1,1-Dichloroethane	3.664	63	1801	0.91	ug/l #	94
25) 2-Butanone	4.635	43	3985	4.71	ug/l	94
26) 2,2-Dichloropropane	4.547	77	1651	0.96	ug/l #	75
27) cis-1,2-Dichloroethene	4.552	96	1120	0.94	ug/l	89
28) Bromochloromethane	4.982	49	1032	1.11	ug/l #	79
29) Tetrahydrofuran	5.094	42	2537	4.55	ug/l #	82
30) Chloroform	5.176	83	1838	0.89	ug/l	96
32) 1,1,1-Trichloroethane	5.453	97	1665	0.91	ug/l #	46
36) 1,1-Dichloropropene	5.758	75	1493	0.99	ug/l #	76
37) Ethyl Acetate	4.788	43	1726	0.99	ug/l #	79
38) Carbon Tetrachloride	5.747	117	1443	0.91	ug/l #	92
39) Methylcyclohexane	7.435	83	1568	0.93	ug/l #	83
40) Benzene	6.106	78	3856	0.92	ug/l	96
41) Methacrylonitrile	5.005	41	1034	1.02	ug/l #	78
42) 1,2-Dichloroethane	6.153	62	1633	0.90	ug/l	76
43) Isopropyl Acetate	6.406	43	2489	0.87	ug/l	92
44) Trichloroethene	7.182	130	1106	1.00	ug/l	97
45) 1,2-Dichloropropane	7.488	63	1031	0.91	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.641	93	766	0.93	ug/l	88
47) Bromodichloromethane	7.870	83	1494	0.90	ug/l	87
48) Methyl methacrylate	7.747	41	1318	0.86	ug/l #	76
49) 1,4-Dioxane	7.712	88	451	15.86	ug/l #	60
51) 4-Methyl-2-Pentanone	8.618	43	6965	4.12	ug/l	88
52) Toluene	8.759	92	2213	0.85	ug/l	88
53) t-1,3-Dichloropropene	9.018	75	1404	0.80	ug/l #	86
54) cis-1,3-Dichloropropene	8.406	75	1491	0.80	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	920	0.86	ug/l #	85
56) Ethyl methacrylate	9.159	69	1246	0.73	ug/l #	51
57) 1,3-Dichloropropane	9.347	76	1667	0.90	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.288	63	4226	4.50	ug/l	98
59) 2-Hexanone	9.471	43	5338	4.22	ug/l	82
60) Dibromochloromethane	9.565	129	1026	0.85	ug/l	97
61) 1,2-Dibromoethane	9.653	107	1032	0.88	ug/l	98
64) Tetrachloroethene	9.312	164	858	0.83	ug/l #	78
65) Chlorobenzene	10.118	112	2538	0.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	994	0.93	ug/l #	66
67) Ethyl Benzene	10.236	91	4548	0.86	ug/l	93
68) m/p-Xylenes	10.341	106	3034	1.60	ug/l	86
69) o-Xylene	10.683	106	1485	0.81	ug/l	81
70) Styrene	10.694	104	2611	0.84	ug/l	95
71) Bromoform	10.841	173	802	0.93	ug/l #	90
73) Isopropylbenzene	11.000	105	4046	0.81	ug/l	96
74) N-amyl acetate	10.883	43	2131	0.86	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.247	83	1557	0.94	ug/l	91
76) 1,2,3-Trichloropropane	11.277	75	1356m	0.85	ug/l	
77) Bromobenzene	11.236	156	1165	0.98	ug/l	99
78) n-propylbenzene	11.342	91	5082	0.88	ug/l	93
79) 2-Chlorotoluene	11.406	91	3097	0.88	ug/l	96
80) 1,3,5-Trimethylbenzene	11.489	105	3408	0.81	ug/l	98
82) 4-Chlorotoluene	11.495	91	3659	0.88	ug/l	99
83) tert-Butylbenzene	11.753	119	3559	0.89	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	3352	0.78	ug/l	98
85) sec-Butylbenzene	11.930	105	3823	0.81	ug/l	99
86) p-Isopropyltoluene	12.048	119	3382	0.78	ug/l #	86
87) 1,3-Dichlorobenzene	12.006	146	2011	0.93	ug/l	97
88) 1,4-Dichlorobenzene	12.077	146	2340m	1.07	ug/l	
89) n-Butylbenzene	12.371	91	3212	0.81	ug/l	99
90) Hexachloroethane	12.577	117	662	0.98	ug/l	79
91) 1,2-Dichlorobenzene	12.377	146	1902	0.91	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	278	0.66	ug/l	91
93) 1,2,4-Trichlorobenzene	13.624	180	1276	0.93	ug/l	98
94) Hexachlorobutadiene	13.765	225	668	1.15	ug/l	97
95) Naphthalene	13.818	128	3610	0.77	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	1313	0.96	ug/l	96

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

