

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024177.D
 Acq On : 13 Sep 2021 09:57
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:47:11 AM

Quant Time: Sep 13 12:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:04:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	242589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153029	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.172	85	2573	1.057	ug/l	99
3) Chloromethane	1.294	50	3031	1.144	ug/l	93
4) Vinyl Chloride	1.374	62	2636	1.018	ug/l	99
6) Chloroethane	1.684	64	1913	1.080	ug/l	97
7) Trichlorofluoromethane	1.886	101	4542	1.097	ug/l	88
8) Diethyl Ether	2.142	74	1585	1.099	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	2617	1.117	ug/l	93
12) 1,1-Dichloroethene	2.319	96	2439	1.088	ug/l #	91
14) Allyl chloride	2.666	41	4369	1.059	ug/l #	85
15) Acrylonitrile	3.068	53	7384	5.014	ug/l	99
16) Acetone	2.386	43	9732	6.597	ug/l	89
17) Carbon Disulfide	2.514	76	6218	1.177	ug/l #	94
18) Methyl Acetate	2.715	43	3873	1.037	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	8577	1.087	ug/l	95
20) Methylene Chloride	2.794	84	4362	1.564	ug/l	90
21) trans-1,2-Dichloroethene	3.105	96	2622	1.094	ug/l #	72
22) Diisopropyl ether	3.769	45	8082	0.985	ug/l #	87
23) Vinyl Acetate	3.727	43	32170	4.865	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	4780	1.040	ug/l	95
25) 2-Butanone	4.568	43	12262	5.554	ug/l	90
26) 2,2-Dichloropropane	4.489	77	4232	1.105	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	3088	1.083	ug/l	93
28) Bromochloromethane	4.897	49	2300	1.118	ug/l #	94
29) Tetrahydrofuran	5.025	42	7292	5.105	ug/l #	87
30) Chloroform	5.098	83	5432	1.111	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	4598	1.094	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	4135	1.242	ug/l	98
37) Ethyl Acetate	4.721	43	4442	1.081	ug/l #	93
38) Carbon Tetrachloride	5.690	117	3784	1.074	ug/l #	81
39) Methylcyclohexane	7.379	83	4478	1.112	ug/l #	91
40) Benzene	6.043	78	10726	1.089	ug/l	95
41) Methacrylonitrile	4.928	41	2057	0.926	ug/l #	87
42) 1,2-Dichloroethane	6.098	62	4199	1.073	ug/l	93
43) Isopropyl Acetate	6.348	43	6826	1.062	ug/l #	89
44) Trichloroethene	7.129	130	3157	1.156	ug/l	98
45) 1,2-Dichloropropane	7.433	63	2691	1.030	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1996	1.087	ug/l	95
47) Bromodichloromethane	7.824	83	3483	1.045	ug/l #	97
48) Methyl methacrylate	7.696	41	2834	0.907	ug/l #	86
49) 1,4-Dioxane	7.671	88	1430	21.256	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	19791	4.783	ug/l	89
52) Toluene	8.720	92	6429	1.008	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	3675	0.970	ug/l	92
54) cis-1,3-Dichloropropene	8.372	75	4026	1.001	ug/l #	85
55) 1,1,2-Trichloroethane	9.159	97	2819	1.064	ug/l	85
56) Ethyl methacrylate	9.122	69	3925	0.954	ug/l #	71
57) 1,3-Dichloropropane	9.311	76	4725	1.081	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	7952	3.680	ug/l	99
59) 2-Hexanone	9.433	43	15625	4.896	ug/l	83
60) Dibromochloromethane	9.525	129	2400	0.935	ug/l	91
61) 1,2-Dibromoethane	9.610	107	2841	1.019	ug/l	97
64) Tetrachloroethene	9.281	164	2900	1.128	ug/l	90
65) Chlorobenzene	10.079	112	7172	1.070	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	2806	1.168	ug/l #	59
67) Ethyl Benzene	10.195	91	12247	1.047	ug/l	93
68) m/p-Xylenes	10.305	106	9079	2.039	ug/l	90
69) o-Xylene	10.646	106	4723	1.077	ug/l	94
70) Styrene	10.658	104	6561	0.918	ug/l	89
71) Bromoform	10.799	173	1876	1.091	ug/l #	99
73) Isopropylbenzene	10.963	105	11347	1.010	ug/l	99
74) N-amyl acetate	10.841	43	4781	0.943	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	3961	1.064	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	3915m	1.128	ug/l	
77) Bromobenzene	11.201	156	3123	1.121	ug/l	96
78) n-propylbenzene	11.305	91	12662	0.988	ug/l	97
79) 2-Chlorotoluene	11.366	91	8513	1.094	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	9507	1.029	ug/l	99
82) 4-Chlorotoluene	11.457	91	9523	1.080	ug/l	96
83) tert-Butylbenzene	11.713	119	9057	1.006	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	9593	1.038	ug/l	98
85) sec-Butylbenzene	11.896	105	11244	0.994	ug/l	98
86) p-Isopropyltoluene	12.012	119	9573	1.026	ug/l	93
87) 1,3-Dichlorobenzene	11.975	146	5707	1.131	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	5763m	1.148	ug/l	
89) n-Butylbenzene	12.335	91	8360	1.010	ug/l	95
90) Hexachloroethane	12.542	117	1433	0.993	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	5766	1.177	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	816	1.059	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	2938	1.002	ug/l	91
94) Hexachlorobutadiene	13.731	225	1507	1.137	ug/l	96
95) Naphthalene	13.780	128	7902	0.825	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	2699	0.924	ug/l	96

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

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