

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023217.D
 Acq On : 09 Jul 2021 13:43
 Operator : JC/MD
 Sample : VX0709WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:43:32 PM

Quant Time: Jul 10 04:18:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	246502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	390881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	165028	49.812	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.620%		
35) Dibromofluoromethane	5.397	113	123024	48.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	8.653	98	443765	47.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.260%		
62) 4-Bromofluorobenzene	11.085	95	169806	46.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	40510	18.137	ug/l	98
3) Chloromethane	1.294	50	37538	16.987	ug/l	96
4) Vinyl Chloride	1.374	62	41280	17.634	ug/l	98
5) Bromomethane	1.599	94	23750	16.295	ug/l	96
6) Chloroethane	1.685	64	25794	16.851	ug/l	97
7) Trichlorofluoromethane	1.886	101	71813	17.652	ug/l	97
8) Diethyl Ether	2.142	74	27826	18.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	45139	18.960	ug/l	96
10) Methyl Iodide	2.453	142	50821	17.384	ug/l	92
11) Tert butyl alcohol	2.971	59	65513	93.997	ug/l	96
12) 1,1-Dichloroethene	2.319	96	40008	18.207	ug/l	94
13) Acrolein	2.239	56	37792	81.429	ug/l	100
14) Allyl chloride	2.666	41	72423	18.967	ug/l	93
15) Acrylonitrile	3.075	53	129445	95.516	ug/l	98
16) Acetone	2.386	43	118963	90.762	ug/l	92
17) Carbon Disulfide	2.514	76	77474	16.718	ug/l	95
18) Methyl Acetate	2.709	43	61126	19.212	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	165202	20.102	ug/l	98
20) Methylene Chloride	2.794	84	50450	17.877	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	43809	18.460	ug/l	100
22) Diisopropyl ether	3.770	45	152838	18.986	ug/l	97
23) Vinyl Acetate	3.727	43	658870	96.706	ug/l	96
24) 1,1-Dichloroethane	3.617	63	85877	18.881	ug/l	98
25) 2-Butanone	4.568	43	184718	93.458	ug/l	96
26) 2,2-Dichloropropane	4.483	77	72469	18.983	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	54126	18.830	ug/l	98
28) Bromochloromethane	4.910	49	41493	19.229	ug/l	99
29) Tetrahydrofuran	5.019	42	118028	92.897	ug/l	92
30) Chloroform	5.105	83	93741	19.079	ug/l	97
31) Cyclohexane	5.477	56	68872	17.362	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	82829	19.357	ug/l	99
36) 1,1-Dichloropropene	5.696	75	61694	17.705	ug/l	99
37) Ethyl Acetate	4.727	43	72309	19.022	ug/l	96
38) Carbon Tetrachloride	5.684	117	71193	19.573	ug/l	97
39) Methylcyclohexane	7.385	83	74071	18.175	ug/l	98
40) Benzene	6.044	78	185530	18.339	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	40362	18.993	ug/l	93
42) 1,2-Dichloroethane	6.092	62	78237	19.245	ug/l	95
43) Isopropyl Acetate	6.348	43	119186	18.850	ug/l	94
44) Trichloroethene	7.135	130	54210	18.889	ug/l	99
45) 1,2-Dichloropropane	7.434	63	49923	18.903	ug/l	98
46) Dibromomethane	7.586	93	36132	19.157	ug/l	98
47) Bromodichloromethane	7.830	83	66872	19.419	ug/l	98
48) Methyl methacrylate	7.696	41	57543	18.547	ug/l	89
49) 1,4-Dioxane	7.665	88	26173	374.832	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	368392	94.025	ug/l	92
52) Toluene	8.720	92	120041	18.334	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	72829	18.550	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	78065	18.648	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	51801	18.840	ug/l	98
56) Ethyl methacrylate	9.122	69	79611	18.738	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	85942	18.911	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	207914	92.920	ug/l	100
59) 2-Hexanone	9.433	43	277899	92.442	ug/l	89
60) Dibromochloromethane	9.525	129	50686	18.595	ug/l	99
61) 1,2-Dibromoethane	9.616	107	54199	19.207	ug/l	100
64) Tetrachloroethene	9.275	164	52835	18.542	ug/l	94
65) Chlorobenzene	10.079	112	132150	18.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	50622	19.825	ug/l	99
67) Ethyl Benzene	10.195	91	231319	18.528	ug/l	98
68) m/p-Xylenes	10.305	106	176924	37.119	ug/l	98
69) o-Xylene	10.646	106	88927	18.512	ug/l	99
70) Styrene	10.659	104	148413	18.914	ug/l	98
71) Bromoform	10.805	173	34470	18.649	ug/l #	100
73) Isopropylbenzene	10.963	105	234107	19.249	ug/l	99
74) N-amyl acetate	10.848	43	95219	18.451	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	74609	19.309	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	71334m	20.533	ug/l	
77) Bromobenzene	11.201	156	58409	19.236	ug/l	97
78) n-propylbenzene	11.305	91	264459	18.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	166051	19.105	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	199928	19.092	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	21137	20.139	ug/l	89
82) 4-Chlorotoluene	11.457	91	188485	19.203	ug/l	100
83) tert-Butylbenzene	11.719	119	195238	19.643	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	199317	19.261	ug/l	97
85) sec-Butylbenzene	11.896	105	247138	19.324	ug/l	99
86) p-Isopropyltoluene	12.012	119	206607	19.258	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	106870	18.743	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	107345	18.697	ug/l	97
89) n-Butylbenzene	12.335	91	170224	18.113	ug/l	97
90) Hexachloroethane	12.542	117	31492	19.128	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	109520	19.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16361	18.943	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	67038	19.186	ug/l	99
94) Hexachlorobutadiene	13.725	225	29247	19.769	ug/l	98
95) Naphthalene	13.780	128	225833	18.351	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68490	19.490	ug/l	99

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

