

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023607.D
 Acq On : 09 Aug 2021 12:26
 Operator : JC/MD
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:17:06 PM

Quant Time: Aug 10 04:02:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	229216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	363752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140297	49.067	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.140%		
35) Dibromofluoromethane	5.397	113	109492	48.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.280%		
50) Toluene-d8	8.653	98	411654	49.265	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.520%		
62) 4-Bromofluorobenzene	11.085	95	149474	52.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	40725	19.312	ug/l	99
3) Chloromethane	1.294	50	47269	19.242	ug/l	96
4) Vinyl Chloride	1.374	62	46593	18.737	ug/l	100
5) Bromomethane	1.599	94	34101	23.099	ug/l	98
6) Chloroethane	1.685	64	31551	20.674	ug/l	98
7) Trichlorofluoromethane	1.886	101	77732	19.403	ug/l	99
8) Diethyl Ether	2.136	74	28673	19.391	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	46772	20.607	ug/l	97
10) Methyl Iodide	2.453	142	53444	18.794	ug/l	95
11) Tert butyl alcohol	2.977	59	60052	91.939	ug/l	98
12) 1,1-Dichloroethene	2.319	96	41999	18.648	ug/l	90
13) Acrolein	2.239	56	26641	81.158	ug/l	93
14) Allyl chloride	2.666	41	77671	18.969	ug/l	94
15) Acrylonitrile	3.068	53	141903	96.208	ug/l	98
16) Acetone	2.386	43	131926	94.059	ug/l	92
17) Carbon Disulfide	2.514	76	87580	15.770	ug/l	97
18) Methyl Acetate	2.709	43	66823	20.042	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	155872	19.904	ug/l	99
20) Methylene Chloride	2.794	84	52733	19.328	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	45382	18.968	ug/l	93
22) Diisopropyl ether	3.776	45	165406	20.464	ug/l	90
23) Vinyl Acetate	3.727	43	706597	99.028	ug/l	95
24) 1,1-Dichloroethane	3.617	63	88187	19.850	ug/l	98
25) 2-Butanone	4.568	43	207562	95.322	ug/l	92
26) 2,2-Dichloropropane	4.483	77	71742	19.744	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	54174	19.497	ug/l	95
28) Bromochloromethane	4.904	49	40572	19.568	ug/l	92
29) Tetrahydrofuran	5.019	42	133072	93.234	ug/l	89
30) Chloroform	5.105	83	92159	20.267	ug/l	98
31) Cyclohexane	5.477	56	78219	18.467	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	78197	20.122	ug/l	96
36) 1,1-Dichloropropene	5.702	75	64612	19.636	ug/l	98
37) Ethyl Acetate	4.721	43	78983	19.037	ug/l #	94
38) Carbon Tetrachloride	5.684	117	67036	20.032	ug/l	99
39) Methylcyclohexane	7.385	83	81352	19.577	ug/l	94
40) Benzene	6.044	78	196210	20.111	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42895	19.581	ug/l	91
42) 1,2-Dichloroethane	6.092	62	76850	21.304	ug/l	95
43) Isopropyl Acetate	6.348	43	126720	19.711	ug/l	93
44) Trichloroethene	7.129	130	53049	19.792	ug/l	97
45) 1,2-Dichloropropane	7.434	63	52917	20.497	ug/l	97
46) Dibromomethane	7.586	93	36703	20.959	ug/l	98
47) Bromodichloromethane	7.830	83	64377	20.405	ug/l	99
48) Methyl methacrylate	7.696	41	61687	20.718	ug/l	87
49) 1,4-Dioxane	7.665	88	24361	384.240	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	420663	106.979	ug/l	90
52) Toluene	8.720	92	127040	21.018	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	74176	19.681	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	80731	20.527	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	54216	22.151	ug/l	96
56) Ethyl methacrylate	9.122	69	82241	20.962	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	89203	21.448	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	195129	93.885	ug/l	96
59) 2-Hexanone	9.433	43	326267	109.265	ug/l	87
60) Dibromochloromethane	9.525	129	50620	19.903	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55781	21.361	ug/l	99
64) Tetrachloroethene	9.275	164	53179	19.704	ug/l	93
65) Chlorobenzene	10.079	112	140975	20.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49928	19.330	ug/l	97
67) Ethyl Benzene	10.195	91	245995	20.435	ug/l	100
68) m/p-Xylenes	10.305	106	185680	40.107	ug/l	100
69) o-Xylene	10.646	106	91056	19.838	ug/l	99
70) Styrene	10.659	104	152218	20.931	ug/l	99
71) Bromoform	10.805	173	33888	18.590	ug/l #	98
73) Isopropylbenzene	10.963	105	240412	20.466	ug/l	99
74) N-amyl acetate	10.848	43	110697	20.656	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	79293	20.722	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	74907m	21.866	ug/l	
77) Bromobenzene	11.201	156	60218	21.251	ug/l	96
78) n-propylbenzene	11.305	91	277712	20.889	ug/l	99
79) 2-Chlorotoluene	11.366	91	165957	20.891	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	203389	21.261	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	24246	19.031	ug/l	88
82) 4-Chlorotoluene	11.457	91	188444	20.968	ug/l	100
83) tert-Butylbenzene	11.719	119	197786	21.078	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	201579	21.184	ug/l	100
85) sec-Butylbenzene	11.896	105	250537	20.592	ug/l	98
86) p-Isopropyltoluene	12.012	119	208396	21.210	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	106245	20.267	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	106835	20.084	ug/l	99
89) n-Butylbenzene	12.335	91	184229	20.713	ug/l	97
90) Hexachloroethane	12.542	117	31444	19.089	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	104228	20.533	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15027	17.620	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	61698	19.346	ug/l	99
94) Hexachlorobutadiene	13.725	225	28804	20.126	ug/l	100
95) Naphthalene	13.780	128	211703	19.307	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63998	19.872	ug/l	98

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

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