

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023766.D
 Acq On : 17 Aug 2021 16:29
 Operator : JC/MD
 Sample : VX0817WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:56:11 PM

Quant Time: Aug 17 17:40:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	207296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	145894	50.427	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.860%	
35) Dibromofluoromethane	5.397	113	111312	50.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	8.653	98	421071	50.311	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	11.085	95	151686	49.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	45389	20.753	ug/l	98
3) Chloromethane	1.295	50	48197	20.074	ug/l	100
4) Vinyl Chloride	1.374	62	47320	20.208	ug/l	100
5) Bromomethane	1.599	94	34653	23.538	ug/l	100
6) Chloroethane	1.685	64	29703	17.327	ug/l	99
7) Trichlorofluoromethane	1.886	101	75486	20.414	ug/l	95
8) Diethyl Ether	2.142	74	26010	20.142	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	42026	20.197	ug/l	95
10) Methyl Iodide	2.453	142	53409	18.434	ug/l	94
11) Tert butyl alcohol	2.977	59	59651	101.951	ug/l	97
12) 1,1-Dichloroethene	2.325	96	40428	20.321	ug/l	97
13) Acrolein	2.239	56	32283	92.719	ug/l	99
14) Allyl chloride	2.666	41	71096	19.392	ug/l	91
15) Acrylonitrile	3.075	53	132013	101.264	ug/l	98
16) Acetone	2.386	43	122222	94.480	ug/l	92
17) Carbon Disulfide	2.514	76	88463	18.644	ug/l	99
18) Methyl Acetate	2.709	43	64365	19.931	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	139508	20.149	ug/l	99
20) Methylene Chloride	2.794	84	48177	19.497	ug/l #	86
21) trans-1,2-Dichloroethene	3.099	96	42230	19.873	ug/l	93
22) Diisopropyl ether	3.770	45	146202	20.022	ug/l	93
23) Vinyl Acetate	3.733	43	591684	100.166	ug/l	96
24) 1,1-Dichloroethane	3.617	63	80996	19.931	ug/l	99
25) 2-Butanone	4.568	43	196261	100.165	ug/l	91
26) 2,2-Dichloropropane	4.483	77	63252	18.964	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	49630	19.628	ug/l	96
28) Bromochloromethane	4.904	49	39611	21.437	ug/l	93
29) Tetrahydrofuran	5.019	42	128160	100.980	ug/l	89
30) Chloroform	5.105	83	84264	19.583	ug/l	98
31) Cyclohexane	5.477	56	73910	19.884	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	73274	19.887	ug/l	97
36) 1,1-Dichloropropene	5.702	75	61179	19.884	ug/l	99
37) Ethyl Acetate	4.727	43	74980	19.826	ug/l #	93
38) Carbon Tetrachloride	5.684	117	61289	19.103	ug/l	95
39) Methylcyclohexane	7.385	83	76433	20.403	ug/l	96
40) Benzene	6.050	78	179830	19.766	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38534	18.795	ug/l	91
42) 1,2-Dichloroethane	6.099	62	71181	19.907	ug/l	96
43) Isopropyl Acetate	6.348	43	116543	19.701	ug/l	92
44) Trichloroethene	7.135	130	49261	19.601	ug/l	100
45) 1,2-Dichloropropane	7.440	63	47323	19.589	ug/l	94
46) Dibromomethane	7.586	93	33507	19.931	ug/l	97
47) Bromodichloromethane	7.830	83	58230	19.146	ug/l	98
48) Methyl methacrylate	7.696	41	57329	19.866	ug/l	86
49) 1,4-Dioxane	7.665	88	24886	408.027	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	394905	103.270	ug/l	89
52) Toluene	8.720	92	117089	19.862	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	65306	18.050	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	70763	19.202	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	48015	19.783	ug/l	97
56) Ethyl methacrylate	9.122	69	74031	18.340	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	80008	19.875	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	176987	90.560	ug/l	97
59) 2-Hexanone	9.433	43	307853	104.732	ug/l	86
60) Dibromochloromethane	9.525	129	43982	17.542	ug/l	100
61) 1,2-Dibromoethane	9.616	107	50209	19.582	ug/l	100
64) Tetrachloroethene	9.281	164	50206	20.531	ug/l	96
65) Chlorobenzene	10.086	112	127572	19.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	44293	19.479	ug/l	97
67) Ethyl Benzene	10.195	91	222442	19.938	ug/l	100
68) m/p-Xylenes	10.305	106	168436	39.637	ug/l	98
69) o-Xylene	10.647	106	82627	19.786	ug/l	99
70) Styrene	10.659	104	136922	20.126	ug/l	98
71) Bromoform	10.805	173	30407	17.752	ug/l #	100
73) Isopropylbenzene	10.964	105	218612	20.366	ug/l	100
74) N-amyl acetate	10.848	43	99013	20.411	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	72942	20.735	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67782m	20.647	ug/l	
77) Bromobenzene	11.201	156	53925	20.397	ug/l	98
78) n-propylbenzene	11.305	91	251085	20.451	ug/l	99
79) 2-Chlorotoluene	11.366	91	150355	20.262	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	184701	20.938	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	20494	18.363	ug/l #	84
82) 4-Chlorotoluene	11.457	91	171427	20.353	ug/l	100
83) tert-Butylbenzene	11.719	119	175491	20.484	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	183550	20.869	ug/l	99
85) sec-Butylbenzene	11.896	105	224853	20.730	ug/l	99
86) p-Isopropyltoluene	12.012	119	185716	20.804	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	94384	19.732	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	95766	20.074	ug/l	99
89) n-Butylbenzene	12.335	91	163119	20.465	ug/l	97
90) Hexachloroethane	12.543	117	26671	18.103	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	94444	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13503	17.825	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	53865	19.314	ug/l	99
94) Hexachlorobutadiene	13.725	225	24992	20.105	ug/l	99
95) Naphthalene	13.780	128	189538	19.224	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	56237	20.247	ug/l	98

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

