

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023903.D
 Acq On : 23 Aug 2021 16:29
 Operator : JC/MD
 Sample : VX0823WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 11:43:57 AM

Quant Time: Aug 24 07:15:32 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	5.556	168	219793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142708	46.521	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.040%
35) Dibromofluoromethane	5.397	113	106600	47.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	8.653	98	401605	46.571	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.140%
62) 4-Bromofluorobenzene	11.085	95	151977	47.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	43928	18.943	ug/l	100
3) Chloromethane	1.295	50	46409	18.231	ug/l	98
4) Vinyl Chloride	1.374	62	44306	17.845	ug/l	100
5) Bromomethane	1.605	94	34930	22.377	ug/l	96
6) Chloroethane	1.685	64	28041	15.604	ug/l	99
7) Trichlorofluoromethane	1.886	101	72822	18.573	ug/l	100
8) Diethyl Ether	2.136	74	25821	18.858	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	42718	19.362	ug/l	96
10) Methyl Iodide	2.453	142	48845	15.900	ug/l	94
11) Tert butyl alcohol	2.971	59	57081	92.012	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39946	18.938	ug/l	92
13) Acrolein	2.239	56	34099	92.366	ug/l	98
14) Allyl chloride	2.666	41	73244	18.842	ug/l	89
15) Acrylonitrile	3.069	53	128829	93.203	ug/l	97
16) Acetone	2.386	43	124981	91.120	ug/l	89
17) Carbon Disulfide	2.514	76	96541	19.190	ug/l	98
18) Methyl Acetate	2.709	43	65236	19.052	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	144064	19.624	ug/l	99
20) Methylene Chloride	2.794	84	49958	19.068	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	42833	19.011	ug/l	93
22) Diisopropyl ether	3.770	45	148530	19.184	ug/l	97
23) Vinyl Acetate	3.727	43	608849	97.212	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	82243	19.087	ug/l	97
25) 2-Butanone	4.562	43	193454	93.118	ug/l	91
26) 2,2-Dichloropropane	4.483	77	69329	19.604	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	51001	19.024	ug/l	96
28) Bromochloromethane	4.898	49	42037	21.456	ug/l	93
29) Tetrahydrofuran	5.019	42	122707	91.187	ug/l	89
30) Chloroform	5.099	83	84804	18.587	ug/l	98
31) Cyclohexane	5.477	56	71956	18.258	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	75925	19.434	ug/l	97
36) 1,1-Dichloropropene	5.696	75	61968	19.547	ug/l	98
37) Ethyl Acetate	4.721	43	74116	19.020	ug/l #	93
38) Carbon Tetrachloride	5.684	117	65793	19.903	ug/l	99
39) Methylcyclohexane	7.385	83	77548	20.091	ug/l	96
40) Benzene	6.044	78	178325	19.023	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39466	18.682	ug/l	90
42) 1,2-Dichloroethane	6.092	62	72082	19.565	ug/l	94
43) Isopropyl Acetate	6.348	43	118786	19.488	ug/l	92
44) Trichloroethene	7.129	130	49638	19.169	ug/l	98
45) 1,2-Dichloropropane	7.434	63	47910	19.247	ug/l	99
46) Dibromomethane	7.586	93	33935	19.590	ug/l	97
47) Bromodichloromethane	7.824	83	62390	19.909	ug/l	99
48) Methyl methacrylate	7.696	41	56820	19.109	ug/l	84
49) 1,4-Dioxane	7.665	88	24759	393.982	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	384549	97.598	ug/l	89
52) Toluene	8.720	92	115465	19.009	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	71130	18.959	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	74922	19.731	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	48490	19.390	ug/l	97
56) Ethyl methacrylate	9.116	69	74268	17.876	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	80723	19.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	190417	94.561	ug/l	97
59) 2-Hexanone	9.433	43	304383	100.500	ug/l	86
60) Dibromochloromethane	9.525	129	48410	18.624	ug/l	100
61) 1,2-Dibromoethane	9.610	107	51342	19.434	ug/l	98
64) Tetrachloroethene	9.275	164	50105	19.636	ug/l	96
65) Chlorobenzene	10.080	112	128611	19.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47656	20.085	ug/l	98
67) Ethyl Benzene	10.195	91	225059	19.332	ug/l	97
68) m/p-Xylenes	10.305	106	173134	39.045	ug/l	99
69) o-Xylene	10.647	106	84420	19.373	ug/l	99
70) Styrene	10.659	104	141146	19.882	ug/l	98
71) Bromoform	10.805	173	34238	19.003	ug/l #	98
73) Isopropylbenzene	10.964	105	226591	19.242	ug/l	99
74) N-amyl acetate	10.848	43	103743	19.494	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	75545	19.575	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	70955m	19.702	ug/l	
77) Bromobenzene	11.201	156	55561	19.156	ug/l	98
78) n-propylbenzene	11.305	91	261730	19.432	ug/l	100
79) 2-Chlorotoluene	11.366	91	157900	19.396	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	190588	19.694	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23086	18.856	ug/l #	86
82) 4-Chlorotoluene	11.457	91	179405	19.415	ug/l	100
83) tert-Butylbenzene	11.719	119	183324	19.505	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	192097	19.908	ug/l	98
85) sec-Butylbenzene	11.890	105	236280	19.856	ug/l	100
86) p-Isopropyltoluene	12.012	119	196910	20.106	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101260	19.297	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	101645	19.422	ug/l	98
89) n-Butylbenzene	12.335	91	175217	20.038	ug/l	97
90) Hexachloroethane	12.543	117	30373	18.736	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	98630	19.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14521	17.515	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	58284	19.049	ug/l	99
94) Hexachlorobutadiene	13.725	225	28776	21.101	ug/l	99
95) Naphthalene	13.780	128	192801	17.918	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	60063	19.711	ug/l	100

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

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