

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023469.D
 Acq On : 27 Jul 2021 11:54
 Operator : JC/MD
 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:57:53 PM

Quant Time: Jul 28 00:50:14 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	5.556	168	213303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	340974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131440	49.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.800%
35) Dibromofluoromethane	5.391	113	106768	50.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	8.653	98	397829	50.791	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.580%
62) 4-Bromofluorobenzene	11.085	95	138237	51.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37820	19.272	ug/l	98
3) Chloromethane	1.294	50	43807	19.163	ug/l	96
4) Vinyl Chloride	1.374	62	43412	18.760	ug/l	100
5) Bromomethane	1.599	94	31029	22.586	ug/l	98
6) Chloroethane	1.685	64	27791	19.569	ug/l	97
7) Trichlorofluoromethane	1.886	101	70923	19.024	ug/l	100
8) Diethyl Ether	2.136	74	26298	19.111	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	40031	18.953	ug/l	95
10) Methyl Iodide	2.453	142	46592	17.607	ug/l	97
11) Tert butyl alcohol	2.977	59	57192	94.092	ug/l	99
12) 1,1-Dichloroethene	2.319	96	38363	18.304	ug/l	96
13) Acrolein	2.239	56	29708	96.982	ug/l	95
14) Allyl chloride	2.666	41	69232	18.169	ug/l	94
15) Acrylonitrile	3.068	53	131945	96.130	ug/l	98
16) Acetone	2.386	43	121497	93.086	ug/l	91
17) Carbon Disulfide	2.514	76	83730	16.202	ug/l	100
18) Methyl Acetate	2.709	43	58127	18.734	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	135798	18.635	ug/l	99
20) Methylene Chloride	2.794	84	45302	17.843	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	41194	18.502	ug/l	99
22) Diisopropyl ether	3.770	45	141787	18.850	ug/l	96
23) Vinyl Acetate	3.727	43	626397	94.337	ug/l	96
24) 1,1-Dichloroethane	3.611	63	76829	18.584	ug/l	97
25) 2-Butanone	4.568	43	190902	94.211	ug/l	94
26) 2,2-Dichloropropane	4.483	77	63487	18.776	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	48885	18.906	ug/l	100
28) Bromochloromethane	4.904	49	36573	18.955	ug/l	95
29) Tetrahydrofuran	5.019	42	122629	92.327	ug/l	89
30) Chloroform	5.105	83	80399	19.000	ug/l	97
31) Cyclohexane	5.477	56	69590	17.655	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	68466	18.932	ug/l	98
36) 1,1-Dichloropropene	5.696	75	58228	18.878	ug/l	99
37) Ethyl Acetate	4.727	43	72835	18.728	ug/l #	94
38) Carbon Tetrachloride	5.684	117	57918	18.464	ug/l	96
39) Methylcyclohexane	7.385	83	73699	18.920	ug/l	99
40) Benzene	6.044	78	175268	19.165	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38561	18.779	ug/l	94
42) 1,2-Dichloroethane	6.092	62	65519	19.376	ug/l	97
43) Isopropyl Acetate	6.348	43	112746	18.709	ug/l	93
44) Trichloroethene	7.129	130	46880	18.659	ug/l	96
45) 1,2-Dichloropropane	7.434	63	46370	19.161	ug/l	99
46) Dibromomethane	7.586	93	31639	19.274	ug/l	99
47) Bromodichloromethane	7.824	83	55394	18.731	ug/l	98
48) Methyl methacrylate	7.696	41	55240	19.792	ug/l	88
49) 1,4-Dioxane	7.665	88	23243	391.097	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	375935	101.991	ug/l	90
52) Toluene	8.720	92	112197	19.802	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	63268	18.071	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	69196	18.769	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	47902	20.879	ug/l	97
56) Ethyl methacrylate	9.122	69	70633	19.206	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	77690	19.928	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	184488	94.695	ug/l	98
59) 2-Hexanone	9.433	43	293184	104.745	ug/l	87
60) Dibromochloromethane	9.525	129	43890	18.558	ug/l	100
61) 1,2-Dibromoethane	9.616	107	48208	19.694	ug/l	98
64) Tetrachloroethene	9.275	164	47663	19.264	ug/l	95
65) Chlorobenzene	10.079	112	120779	18.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43235	18.313	ug/l	98
67) Ethyl Benzene	10.195	91	208465	18.891	ug/l	97
68) m/p-Xylenes	10.305	106	162187	38.215	ug/l	99
69) o-Xylene	10.646	106	78973	18.769	ug/l	98
70) Styrene	10.659	104	128486	19.273	ug/l	98
71) Bromoform	10.805	173	28513	17.352	ug/l #	98
73) Isopropylbenzene	10.963	105	209556	19.617	ug/l	99
74) N-amyl acetate	10.848	43	94271	19.344	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	68445	19.670	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	63340m	20.332	ug/l	
77) Bromobenzene	11.201	156	50952	19.773	ug/l	96
78) n-propylbenzene	11.305	91	238527	19.730	ug/l	98
79) 2-Chlorotoluene	11.366	91	141890	19.641	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	173577	19.953	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	19659	16.968	ug/l	89
82) 4-Chlorotoluene	11.457	91	160717	19.664	ug/l	99
83) tert-Butylbenzene	11.719	119	168713	19.771	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	172225	19.903	ug/l	100
85) sec-Butylbenzene	11.896	105	216084	19.529	ug/l	99
86) p-Isopropyltoluene	12.012	119	176978	19.807	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	92353	19.372	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	89477	18.497	ug/l	98
89) n-Butylbenzene	12.335	91	155444	19.218	ug/l	96
90) Hexachloroethane	12.542	117	26287	17.702	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	88012	19.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13042	16.913	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	53960	18.606	ug/l	99
94) Hexachlorobutadiene	13.731	225	24452	18.787	ug/l	98
95) Naphthalene	13.780	128	182526	18.305	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55756	19.038	ug/l	97

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

