

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082421\
 Data File : VX023923.D
 Acq On : 24 Aug 2021 12:01
 Operator : JC/MD
 Sample : VX0824WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:53:57 PM

Quant Time: Aug 25 03:55:02 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	196237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	316818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141440	51.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.280%
35) Dibromofluoromethane	5.397	113	106699	50.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.760%
50) Toluene-d8	8.653	98	395174	49.514	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.020%
62) 4-Bromofluorobenzene	11.085	95	148401	50.510	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	39754	19.201	ug/l	96
3) Chloromethane	1.294	50	41805	18.393	ug/l	99
4) Vinyl Chloride	1.374	62	42981	19.390	ug/l	99
5) Bromomethane	1.599	94	32785	23.524	ug/l	98
6) Chloroethane	1.685	64	26986	16.692	ug/l	97
7) Trichlorofluoromethane	1.886	101	70661	20.186	ug/l	98
8) Diethyl Ether	2.142	74	24785	20.275	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	39697	20.153	ug/l	97
10) Methyl Iodide	2.453	142	53660	19.565	ug/l	94
11) Tert butyl alcohol	2.977	59	58659	105.905	ug/l	98
12) 1,1-Dichloroethene	2.319	96	38042	20.200	ug/l	90
13) Acrolein	2.239	56	39914	121.096	ug/l	100
14) Allyl chloride	2.666	41	70765	20.389	ug/l	90
15) Acrylonitrile	3.069	53	128921	104.465	ug/l	98
16) Acetone	2.386	43	118779	96.993	ug/l	90
17) Carbon Disulfide	2.514	76	88583	19.721	ug/l	96
18) Methyl Acetate	2.709	43	63551	20.788	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	139864	21.338	ug/l	96
20) Methylene Chloride	2.794	84	45681	19.529	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	40800	20.282	ug/l	97
22) Diisopropyl ether	3.776	45	144819	20.950	ug/l	93
23) Vinyl Acetate	3.733	43	591430	105.766	ug/l	94
24) 1,1-Dichloroethane	3.617	63	79432	20.647	ug/l	96
25) 2-Butanone	4.568	43	190472	102.689	ug/l	91
26) 2,2-Dichloropropane	4.483	77	64532	20.438	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	49492	20.677	ug/l	95
28) Bromochloromethane	4.910	49	37742	21.576	ug/l	92
29) Tetrahydrofuran	5.019	42	120199	100.045	ug/l	90
30) Chloroform	5.105	83	83162	20.416	ug/l	97
31) Cyclohexane	5.477	56	67828	19.276	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	72620	20.820	ug/l	97
36) 1,1-Dichloropropene	5.696	75	58673	19.998	ug/l	100
37) Ethyl Acetate	4.727	43	73142	20.281	ug/l	95
38) Carbon Tetrachloride	5.684	117	62594	20.459	ug/l	99
39) Methylcyclohexane	7.385	83	69713	19.515	ug/l	92
40) Benzene	6.044	78	174051	20.062	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	38387	19.634	ug/l	91
42) 1,2-Dichloroethane	6.098	62	71514	20.974	ug/l	94
43) Isopropyl Acetate	6.348	43	116050	20.572	ug/l	92
44) Trichloroethene	7.129	130	46998	19.610	ug/l	96
45) 1,2-Dichloropropane	7.440	63	46726	20.283	ug/l	97
46) Dibromomethane	7.586	93	33027	20.601	ug/l	97
47) Bromodichloromethane	7.830	83	60347	20.808	ug/l	99
48) Methyl methacrylate	7.696	41	56674	20.594	ug/l	84
49) 1,4-Dioxane	7.665	88	23960	411.959	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	384411	105.417	ug/l	90
52) Toluene	8.720	92	111678	19.865	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	68509	19.643	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	72090	20.513	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	48245	20.845	ug/l	97
56) Ethyl methacrylate	9.122	69	73869	19.155	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	78651	20.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	182931	98.156	ug/l	97
59) 2-Hexanone	9.433	43	303051	108.115	ug/l	85
60) Dibromochloromethane	9.525	129	45592	18.922	ug/l	98
61) 1,2-Dibromoethane	9.616	107	49546	20.264	ug/l	100
64) Tetrachloroethene	9.275	164	46521	20.092	ug/l	95
65) Chlorobenzene	10.086	112	122046	20.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45907	21.322	ug/l	99
67) Ethyl Benzene	10.195	91	217556	20.595	ug/l	99
68) m/p-Xylenes	10.305	106	168986	41.998	ug/l	99
69) o-Xylene	10.646	106	82130	20.771	ug/l	98
70) Styrene	10.659	104	135938	21.103	ug/l	96
71) Bromoform	10.805	173	32537	19.810	ug/l #	96
73) Isopropylbenzene	10.963	105	216365	19.841	ug/l	100
74) N-amyl acetate	10.848	43	100964	20.487	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	75186	21.038	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	70763m	21.218	ug/l	
77) Bromobenzene	11.201	156	54843	20.419	ug/l	96
78) n-propylbenzene	11.305	91	245326	19.669	ug/l	99
79) 2-Chlorotoluene	11.366	91	152945	20.288	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	185005	20.645	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	22246	19.621	ug/l	88
82) 4-Chlorotoluene	11.457	91	173098	20.229	ug/l	100
83) tert-Butylbenzene	11.719	119	178258	20.481	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	182434	20.417	ug/l	98
85) sec-Butylbenzene	11.896	105	225150	20.433	ug/l	100
86) p-Isopropyltoluene	12.012	119	185540	20.459	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98169	20.202	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	100066	20.647	ug/l	99
89) n-Butylbenzene	12.335	91	163126	20.145	ug/l	96
90) Hexachloroethane	12.542	117	29219	19.407	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	99859	21.212	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15820	20.225	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	56594	19.975	ug/l	98
94) Hexachlorobutadiene	13.725	225	27120	21.476	ug/l	98
95) Naphthalene	13.780	128	195417	19.490	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58161	20.612	ug/l	99

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

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