

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023808.D
 Acq On : 18 Aug 2021 11:54
 Operator : JC/MD
 Sample : VX0818WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0818WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:29:07 PM

Quant Time: Aug 18 13:42:25 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	190331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	297933	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131067	49.340	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.680%
35) Dibromofluoromethane	5.391	113	97586	49.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	8.653	98	372216	49.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.180%
62) 4-Bromofluorobenzene	11.085	95	140320	50.787	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41155	20.494	ug/l	96
3) Chloromethane	1.294	50	42480	19.270	ug/l	98
4) Vinyl Chloride	1.374	62	42128	19.595	ug/l	100
5) Bromomethane	1.599	94	31013	22.943	ug/l	100
6) Chloroethane	1.685	64	26414	16.830	ug/l	100
7) Trichlorofluoromethane	1.886	101	68618	20.210	ug/l	100
8) Diethyl Ether	2.136	74	24020	20.259	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	39435	20.641	ug/l	96
10) Methyl Iodide	2.453	142	50509	18.987	ug/l	95
11) Tert butyl alcohol	2.977	59	57485	107.006	ug/l	97
12) 1,1-Dichloroethene	2.319	96	35862	19.633	ug/l	92
13) Acrolein	2.239	56	28257	88.390	ug/l	99
14) Allyl chloride	2.666	41	65610	19.490	ug/l	92
15) Acrylonitrile	3.068	53	125528	104.872	ug/l	98
16) Acetone	2.386	43	119698	100.777	ug/l	91
17) Carbon Disulfide	2.514	76	81786	18.773	ug/l	100
18) Methyl Acetate	2.709	43	61688	20.805	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	131298	20.653	ug/l	99
20) Methylene Chloride	2.794	84	42965	18.937	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	38436	19.700	ug/l	96
22) Diisopropyl ether	3.769	45	133291	19.881	ug/l	94
23) Vinyl Acetate	3.733	43	561015	103.440	ug/l	94
24) 1,1-Dichloroethane	3.617	63	73467	19.689	ug/l	98
25) 2-Butanone	4.568	43	185678	103.210	ug/l	91
26) 2,2-Dichloropropane	4.483	77	58978	19.258	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	45067	19.412	ug/l	94
28) Bromochloromethane	4.903	49	35550	20.954	ug/l	93
29) Tetrahydrofuran	5.019	42	120624	103.514	ug/l	88
30) Chloroform	5.105	83	76281	19.307	ug/l	99
31) Cyclohexane	5.477	56	66635	19.525	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	66042	19.521	ug/l	97
36) 1,1-Dichloropropene	5.696	75	55126	19.980	ug/l	99
37) Ethyl Acetate	4.727	43	68845	20.299	ug/l	95
38) Carbon Tetrachloride	5.684	117	57244	19.896	ug/l	98
39) Methylcyclohexane	7.385	83	69548	20.702	ug/l	98
40) Benzene	6.043	78	163620	20.055	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37808	20.564	ug/l	91
42) 1,2-Dichloroethane	6.092	62	66171	20.637	ug/l	96
43) Isopropyl Acetate	6.348	43	108538	20.460	ug/l	92
44) Trichloroethene	7.129	130	44580	19.781	ug/l	96
45) 1,2-Dichloropropane	7.433	63	43762	20.200	ug/l	98
46) Dibromomethane	7.586	93	31729	21.046	ug/l	96
47) Bromodichloromethane	7.830	83	53843	19.742	ug/l	97
48) Methyl methacrylate	7.696	41	52554	20.308	ug/l	84
49) 1,4-Dioxane	7.665	88	24755	452.607	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	365804	106.673	ug/l	90
52) Toluene	8.720	92	106670	20.177	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	61766	18.921	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	67014	20.278	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	45119	20.730	ug/l	97
56) Ethyl methacrylate	9.122	69	67959	18.756	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	74456	20.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	166403	94.947	ug/l	96
59) 2-Hexanone	9.433	43	290343	110.147	ug/l	87
60) Dibromochloromethane	9.525	129	41908	18.534	ug/l	100
61) 1,2-Dibromoethane	9.610	107	47403	20.616	ug/l	100
64) Tetrachloroethene	9.275	164	46231	20.754	ug/l	94
65) Chlorobenzene	10.085	112	117748	20.232	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	41441	20.006	ug/l	98
67) Ethyl Benzene	10.195	91	206448	20.314	ug/l	99
68) m/p-Xylenes	10.305	106	161552	41.734	ug/l	100
69) o-Xylene	10.646	106	78667	20.680	ug/l	100
70) Styrene	10.659	104	129922	20.964	ug/l	98
71) Bromoform	10.805	173	30066	19.104	ug/l #	100
73) Isopropylbenzene	10.963	105	204369	19.434	ug/l	99
74) N-amyl acetate	10.848	43	97127	20.438	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	71781	20.828	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67937m	21.124	ug/l	
77) Bromobenzene	11.201	156	53018	20.470	ug/l	94
78) n-propylbenzene	11.305	91	239418	19.905	ug/l	98
79) 2-Chlorotoluene	11.366	91	145131	19.964	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	174885	20.237	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20401	18.659	ug/l #	85
82) 4-Chlorotoluene	11.457	91	165988	20.116	ug/l	100
83) tert-Butylbenzene	11.719	119	166631	19.853	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	176711	20.508	ug/l	100
85) sec-Butylbenzene	11.896	105	216440	20.369	ug/l	99
86) p-Isopropyltoluene	12.012	119	181692	20.775	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	94691	20.207	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	94016	20.116	ug/l	96
89) n-Butylbenzene	12.335	91	160347	20.534	ug/l	96
90) Hexachloroethane	12.542	117	27225	18.801	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	93813	20.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13848	18.558	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	54891	20.090	ug/l	99
94) Hexachlorobutadiene	13.725	225	24854	20.409	ug/l	96
95) Naphthalene	13.780	128	181288	18.799	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55383	20.353	ug/l	99

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

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