

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023844.D
 Acq On : 19 Aug 2021 17:47
 Operator : JC/MD
 Sample : VX0820WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:49:43 PM

Quant Time: Aug 20 03:14:37 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	181333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	292062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130982	51.754	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.500%
35) Dibromofluoromethane	5.397	113	99460	51.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	8.653	98	376324	51.149	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.300%
62) 4-Bromofluorobenzene	11.085	95	137889	50.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	37373	19.534	ug/l	98
3) Chloromethane	1.294	50	39940	19.017	ug/l	99
4) Vinyl Chloride	1.374	62	39068	19.073	ug/l	99
5) Bromomethane	1.599	94	30418	23.619	ug/l	96
6) Chloroethane	1.685	64	25681	17.143	ug/l	99
7) Trichlorofluoromethane	1.886	101	63311	19.573	ug/l	100
8) Diethyl Ether	2.136	74	22492	19.911	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	37046	20.353	ug/l	98
10) Methyl Iodide	2.453	142	43217	17.052	ug/l	95
11) Tert butyl alcohol	2.977	59	51194	100.025	ug/l	96
12) 1,1-Dichloroethene	2.319	96	34436	19.788	ug/l	91
13) Acrolein	2.239	56	41247	135.426	ug/l	100
14) Allyl chloride	2.666	41	61117	19.057	ug/l	90
15) Acrylonitrile	3.075	53	115569	101.343	ug/l	99
16) Acetone	2.386	43	111245	98.307	ug/l	90
17) Carbon Disulfide	2.514	76	76285	18.379	ug/l	98
18) Methyl Acetate	2.709	43	55652	19.700	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	119573	19.742	ug/l	100
20) Methylene Chloride	2.794	84	41530	19.213	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	37075	19.945	ug/l	98
22) Diisopropyl ether	3.770	45	124469	19.486	ug/l	95
23) Vinyl Acetate	3.733	43	511443	98.979	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	70218	19.752	ug/l	97
25) 2-Butanone	4.568	43	173278	101.097	ug/l	91
26) 2,2-Dichloropropane	4.483	77	56479	19.358	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	42136	19.050	ug/l	95
28) Bromochloromethane	4.910	49	35173	21.760	ug/l	93
29) Tetrahydrofuran	5.019	42	107937	97.223	ug/l	89
30) Chloroform	5.105	83	72195	19.180	ug/l	98
31) Cyclohexane	5.483	56	60786	18.695	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	62885	19.511	ug/l	96
36) 1,1-Dichloropropene	5.702	75	53048	19.613	ug/l	98
37) Ethyl Acetate	4.727	43	63244	19.022	ug/l #	94
38) Carbon Tetrachloride	5.684	117	54160	19.203	ug/l	94
39) Methylcyclohexane	7.385	83	63358	19.239	ug/l	95
40) Benzene	6.050	78	155310	19.419	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	35758	19.840	ug/l #	88
42) 1,2-Dichloroethane	6.098	62	62525	19.892	ug/l	95
43) Isopropyl Acetate	6.348	43	99409	19.116	ug/l	92
44) Trichloroethene	7.135	130	42707	19.330	ug/l	92
45) 1,2-Dichloropropane	7.440	63	41500	19.541	ug/l	97
46) Dibromomethane	7.586	93	29539	19.987	ug/l	95
47) Bromodichloromethane	7.830	83	50234	18.789	ug/l	96
48) Methyl methacrylate	7.696	41	49599	19.551	ug/l	86
49) 1,4-Dioxane	7.665	88	22392	417.633	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	339602	101.022	ug/l	89
52) Toluene	8.720	92	99465	19.193	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	55634	17.558	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	61641	19.027	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	41215	19.317	ug/l	97
56) Ethyl methacrylate	9.122	69	61690	17.424	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	69070	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	163473	95.150	ug/l	98
59) 2-Hexanone	9.433	43	269607	104.336	ug/l	86
60) Dibromochloromethane	9.525	129	39011	17.684	ug/l	99
61) 1,2-Dibromoethane	9.616	107	43446	19.275	ug/l	98
64) Tetrachloroethene	9.275	164	42124	19.519	ug/l	95
65) Chlorobenzene	10.079	112	108647	19.270	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	38576	19.223	ug/l	99
67) Ethyl Benzene	10.195	91	192628	19.564	ug/l	99
68) m/p-Xylenes	10.305	106	147557	39.346	ug/l	99
69) o-Xylene	10.646	106	73102	19.836	ug/l	99
70) Styrene	10.659	104	119958	19.980	ug/l	98
71) Bromoform	10.805	173	27199	17.967	ug/l #	98
73) Isopropylbenzene	10.963	105	189001	18.976	ug/l	99
74) N-amyl acetate	10.848	43	87171	19.366	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	64726	19.829	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	61517m	20.195	ug/l	
77) Bromobenzene	11.201	156	48312	19.694	ug/l	94
78) n-propylbenzene	11.305	91	218230	19.156	ug/l	99
79) 2-Chlorotoluene	11.366	91	131857	19.150	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	158222	19.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18748	18.104	ug/l	86
82) 4-Chlorotoluene	11.457	91	151867	19.431	ug/l	99
83) tert-Butylbenzene	11.719	119	156407	19.675	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	159498	19.543	ug/l	100
85) sec-Butylbenzene	11.896	105	195548	19.429	ug/l	99
86) p-Isopropyltoluene	12.012	119	159586	19.266	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	85956	19.367	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	86188	19.470	ug/l	99
89) n-Butylbenzene	12.335	91	142146	19.219	ug/l	98
90) Hexachloroethane	12.542	117	24072	17.649	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	82241	19.126	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12626	17.945	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	47932	18.522	ug/l	99
94) Hexachlorobutadiene	13.725	225	22086	19.148	ug/l	99
95) Naphthalene	13.780	128	160701	17.676	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48749	18.915	ug/l	99

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

