

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023931.D
 Acq On : 25 Aug 2021 11:59
 Operator : JC/MD
 Sample : VX0825WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBSD01

Manual Integrations
 APPROVED

SAM
 8/27/2021 12:11:33 PM

Quant Time: Aug 26 07:35:06 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	187988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	301220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141413	53.898	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.800%			
35) Dibromofluoromethane	5.391	113	106354	53.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.700%			
50) Toluene-d8	8.653	98	382913	50.462	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.085	95	145264	52.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	38162	19.241	ug/l	99
3) Chloromethane	1.294	50	42072	19.323	ug/l	100
4) Vinyl Chloride	1.374	62	41139	19.373	ug/l	99
5) Bromomethane	1.599	94	30566	22.894	ug/l	100
6) Chloroethane	1.685	64	27183	17.471	ug/l	96
7) Trichlorofluoromethane	1.886	101	65732	19.602	ug/l	100
8) Diethyl Ether	2.142	74	24439	20.869	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	37586	19.919	ug/l	95
10) Methyl Iodide	2.453	142	55122	20.980	ug/l	94
11) Tert butyl alcohol	2.977	59	56393	106.282	ug/l	97
12) 1,1-Dichloroethene	2.325	96	36339	20.142	ug/l	98
13) Acrolein	2.239	56	33057	104.693	ug/l	98
14) Allyl chloride	2.666	41	68553	20.619	ug/l	90
15) Acrylonitrile	3.075	53	125329	106.011	ug/l	98
16) Acetone	2.386	43	117095	99.814	ug/l	88
17) Carbon Disulfide	2.514	76	90757	21.092	ug/l	98
18) Methyl Acetate	2.715	43	60579	20.685	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	136453	21.731	ug/l	99
20) Methylene Chloride	2.794	84	44288	19.764	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	40163	20.842	ug/l	96
22) Diisopropyl ether	3.776	45	140144	21.163	ug/l	93
23) Vinyl Acetate	3.733	43	578885	108.065	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	78065	21.182	ug/l	98
25) 2-Butanone	4.568	43	184232	103.683	ug/l	91
26) 2,2-Dichloropropane	4.483	77	60517	20.007	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	47169	20.571	ug/l	96
28) Bromochloromethane	4.910	49	36593	21.837	ug/l	92
29) Tetrahydrofuran	5.013	42	119556	103.876	ug/l	89
30) Chloroform	5.105	83	82130	21.047	ug/l	99
31) Cyclohexane	5.477	56	66044	19.593	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	70334	21.049	ug/l	97
36) 1,1-Dichloropropene	5.696	75	57565	20.636	ug/l	98
37) Ethyl Acetate	4.727	43	71000	20.706	ug/l #	93
38) Carbon Tetrachloride	5.684	117	59800	20.558	ug/l	98
39) Methylcyclohexane	7.385	83	67223	19.792	ug/l	96
40) Benzene	6.050	78	168769	20.461	ug/l	100

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41) Methacrylonitrile	4.934	41	37877	20.377	ug/l	91
42) 1,2-Dichloroethane	6.092	62	70213	21.658	ug/l	95
43) Isopropyl Acetate	6.354	43	111889	20.861	ug/l #	92
44) Trichloroethene	7.135	130	46502	20.408	ug/l	98
45) 1,2-Dichloropropane	7.433	63	45609	20.823	ug/l	95
46) Dibromomethane	7.586	93	32613	21.396	ug/l	96
47) Bromodichloromethane	7.830	83	59041	21.411	ug/l	99
48) Methyl methacrylate	7.702	41	54876	20.973	ug/l	85
49) 1,4-Dioxane	7.665	88	23226	420.017	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	373389	107.696	ug/l	89
52) Toluene	8.720	92	108190	20.242	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	65941	19.859	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	69182	20.705	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	45437	20.648	ug/l	98
56) Ethyl methacrylate	9.122	69	70095	19.119	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	76957	21.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	179285	101.181	ug/l	98
59) 2-Hexanone	9.433	43	293020	109.949	ug/l	86
60) Dibromochloromethane	9.525	129	44537	19.395	ug/l	99
61) 1,2-Dibromoethane	9.616	107	48600	20.906	ug/l	98
64) Tetrachloroethene	9.281	164	45270	20.385	ug/l	94
65) Chlorobenzene	10.079	112	119216	20.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43200	20.920	ug/l	98
67) Ethyl Benzene	10.195	91	207780	20.508	ug/l	100
68) m/p-Xylenes	10.305	106	161792	41.924	ug/l	99
69) o-Xylene	10.646	106	80240	21.158	ug/l	98
70) Styrene	10.659	104	129797	21.009	ug/l	97
71) Bromoform	10.805	173	31870	20.190	ug/l #	97
73) Isopropylbenzene	10.963	105	206994	19.878	ug/l	100
74) N-amyl acetate	10.848	43	95946	20.388	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	72606	21.275	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	67514m	21.199	ug/l	
77) Bromobenzene	11.201	156	52169	20.341	ug/l	97
78) n-propylbenzene	11.305	91	234446	19.684	ug/l	99
79) 2-Chlorotoluene	11.366	91	145594	20.225	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	176678	20.646	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	20593	19.021	ug/l #	84
82) 4-Chlorotoluene	11.457	91	165811	20.292	ug/l	100
83) tert-Butylbenzene	11.719	119	167534	20.158	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	176240	20.655	ug/l	99
85) sec-Butylbenzene	11.896	105	213051	20.247	ug/l	99
86) p-Isopropyltoluene	12.012	119	175974	20.320	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	94231	20.307	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	93084	20.113	ug/l	98
89) n-Butylbenzene	12.335	91	152919	19.776	ug/l	96
90) Hexachloroethane	12.542	117	28071	19.516	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	92610	20.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14775	19.828	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	52559	19.426	ug/l	99
94) Hexachlorobutadiene	13.725	225	24515	20.329	ug/l	98
95) Naphthalene	13.780	128	183526	19.190	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	53977	20.032	ug/l	99

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

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