

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081121\
 Data File : VW021765.D
 Acq On : 11 Aug 2021 10:08
 Operator : SY/MD
 Sample : VSTD00119
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001219

Manual Integrations
 APPROVED

MMDadoda
 8/12/2021 4:11:31 PM

Quant Time: Aug 12 02:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 02:40:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	201621	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	190108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	97728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	8034	0.990	ug/L	0.00
7) Chloroethane-d5	1.565	69	9451	1.181	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	17839	1.139	ug/L	0.00
20) 2-Butanone-d5	3.941	46	30353	10.234	ug/L	0.02
24) Chloroform-d	4.352	84	25017	1.092	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	11454	1.090	ug/L	0.00
32) Benzene-d6	5.056	84	47601	1.074	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	15890	1.105	ug/L	0.00
41) Toluene-d8	7.320	98	43390	1.066	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	4506	0.792	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	21407	7.884	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	10163	0.897	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	17350	1.068	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	13759	1.034	ug/L	96
3) Chloromethane	1.240	50	12263	1.055	ug/L	99
5) Vinyl chloride	1.307	62	12771	1.058	ug/L	98
6) Bromomethane	1.519	94	7883	1.001	ug/L	97
8) Chloroethane	1.581	64	7912	1.080	ug/L	95
9) Trichlorofluoromethane	1.751	101	17735	0.957	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	9576	0.948	ug/L	98
12) 1,1-Dichloroethene	2.114	96	9063	0.956	ug/L	96
13) Acetone	2.211	43	21218m	12.161	ug/L	
14) Carbon disulfide	2.288	76	25876	0.823	ug/L	100
15) Methyl Acetate	2.449	43	6191m	1.489	ug/L	
16) Methylene chloride	2.503	84	18775	1.175	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	28284	1.005	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	11594	0.966	ug/L	96
19) 1,1-Dichloroethane	3.191	63	21421	1.000	ug/L	99
21) 2-Butanone	4.015	43	32034m	11.065	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	13065	0.995	ug/L	89
23) Bromochloromethane	4.259	128	5936	1.003	ug/L	92
25) Chloroform	4.378	83	23147	1.048	ug/L	95
27) 1,2-Dichloroethane	5.140	62	12690	1.063	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	19364	0.947	ug/L	98
30) Cyclohexane	4.677	56	17039	0.857	ug/L	98
31) Carbon tetrachloride	4.831	117	15937	0.863	ug/L	99
33) Benzene	5.105	78	45930	0.956	ug/L	100
34) Trichloroethene	5.921	95	13541	1.024	ug/L	96
35) Methylcyclohexane	6.130	83	18654	0.876	ug/L	98
37) 1,2-Dichloropropane	6.182	63	11170	0.931	ug/L #	96
38) Bromodichloromethane	6.516	83	15135	0.933	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	15444	0.816	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	75065	10.118	ug/L	98
42) Toluene	7.394	91	49139	0.930	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	13796	0.889	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.847	97	9017	1.008	ug/L	97
47) Tetrachloroethene	7.976	164	10116	0.860	ug/L	94
48) 2-Hexanone	8.146	43	51866	10.297	ug/L	98
49) Dibromochloromethane	8.249	129	10284	0.871	ug/L	99
50) 1,2-Dibromoethane	8.358	107	8167	0.957	ug/L	90
51) Chlorobenzene	8.886	112	33494	0.959	ug/L	97
52) Ethylbenzene	9.018	91	52677	0.897	ug/L	99
53) m,p-xylene	9.143	106	20614	0.909	ug/L	98
54) o-xylene	9.548	106	20186	0.909	ug/L	99
55) Styrene	9.567	104	32447	0.869	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	8378	0.817	ug/L #	98
59) Bromoform	9.735	173	5471	0.816	ug/L	96
60) Isopropylbenzene	9.934	105	53956	0.963	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	7593	1.096	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	44207	0.932	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	43774	0.900	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	26457	0.962	ug/L	96
65) 1,4-Dichlorobenzene	11.278	146	26592	0.966	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	25113	0.980	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	1256	0.783	ug/L	91
69) 1,3,5-Trichlorobenzene	12.651	180	19698	0.814	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	14351	0.719	ug/L	97
71) Naphthalene	13.509	128	20288	0.652	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	13341	0.750	ug/L	98

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

