

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021350.D
 Acq On : 21 May 2021 10:41
 Operator : SY/MD
 Sample : VSTD00162
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001162

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 6:40:28 PM

Quant Time: May 21 11:55:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 11:53:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	296181	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	273339	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	153264	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18499	0.99	ug/L	0.00
7) Chloroethane-d5	1.565	69	14629	0.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	30953	0.86	ug/L	0.00
20) 2-Butanone-d5	3.957	46	46206m	12.23	ug/L	0.03
24) Chloroform-d	4.355	84	37904	1.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	17591	1.03	ug/L	0.00
32) Benzene-d6	5.056	84	77125	1.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	23448	1.18	ug/L	0.00
41) Toluene-d8	7.320	98	70987	1.11	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	9368	1.21	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	30321	11.08	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	13460	0.98	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	28926	1.07	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	22719	0.68	ug/L	98
3) Chloromethane	1.240	50	19549	0.68	ug/L	96
5) Vinyl chloride	1.307	62	20338	0.66	ug/L	100
6) Bromomethane	1.520	94	13464	0.68	ug/L	97
8) Chloroethane	1.584	64	12017	0.66	ug/L	99
9) Trichlorofluoromethane	1.751	101	30325	0.69	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	17477	0.74	ug/L	95
12) 1,1-Dichloroethene	2.118	96	16334	0.72	ug/L	94
13) Acetone	2.237	43	31164m	10.48	ug/L	
14) Carbon disulfide	2.291	76	58133	0.83	ug/L	99
15) Methyl Acetate	2.449	43	4383	0.60	ug/L #	67
16) Methylene chloride	2.507	84	23700	0.85	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	48258	1.01	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	20906	0.87	ug/L	97
19) 1,1-Dichloroethane	3.195	63	35172	0.82	ug/L	98
21) 2-Butanone	4.037	43	50971m	11.25	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	21944	0.87	ug/L	97
23) Bromochloromethane	4.256	128	9711	0.85	ug/L	97
25) Chloroform	4.381	83	38071	0.84	ug/L	99
27) 1,2-Dichloroethane	5.143	62	21170	0.85	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	33896	0.90	ug/L	99
30) Cyclohexane	4.677	56	34431	1.00	ug/L	98
31) Carbon tetrachloride	4.831	117	30708	0.93	ug/L	99
33) Benzene	5.105	78	78727	0.87	ug/L	100
34) Trichloroethene	5.921	95	24071	0.93	ug/L	99
35) Methylcyclohexane	6.133	83	36824	0.97	ug/L	97
37) 1,2-Dichloropropane	6.182	63	19454	0.91	ug/L	98
38) Bromodichloromethane	6.519	83	25611	0.91	ug/L	97
39) cis-1,3-Dichloropropene	7.037	75	31176	1.02	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	122292	11.28	ug/L	98
42) Toluene	7.394	91	88154	0.89	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	25912	1.04	ug/L	98

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

45) 1,1,2-Trichloroethane	7.844	97	15012	0.96	ug/L	97
47) Tetrachloroethene	7.976	164	19765	0.91	ug/L	94
48) 2-Hexanone	8.149	43	92019	11.93	ug/L	97
49) Dibromochloromethane	8.249	129	19309	1.05	ug/L	93
50) 1,2-Dibromoethane	8.358	107	14149	0.96	ug/L	97
51) Chlorobenzene	8.886	112	57676	0.88	ug/L	98
52) Ethylbenzene	9.014	91	99653	0.91	ug/L	100
53) m,p-xylene	9.140	106	37319	0.89	ug/L	96
54) o-xylene	9.545	106	37146	0.94	ug/L	97
55) Styrene	9.564	104	60728	0.92	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	12064	0.76	ug/L	93
59) Bromoform	9.735	173	11159	1.09	ug/L	98
60) Isopropylbenzene	9.931	105	103381	0.93	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	11542	0.86	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	86595	0.94	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	87991	0.95	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	48134	0.85	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	48061	0.84	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	44280	0.86	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	2068	0.85	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	40877	0.88	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	30377	0.81	ug/L	98
71) Naphthalene	13.503	128	38212	0.76	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	27233	0.84	ug/L	99

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

