

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021381.D
 Acq On : 25 May 2021 11:26
 Operator : SY/MD
 Sample : VSTD0.562
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5162

Manual Integrations
 APPROVED

MMDadoda
 5/26/2021 3:12:58 PM

Quant Time: May 26 07:18:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:18:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	288001	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	267372	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	147354	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	5811	0.33	ug/L	0.00
7) Chloroethane-d5	1.564	69	5872	0.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	11013	0.37	ug/L	0.00
20) 2-Butanone-d5	3.998	46	16133m	3.29	ug/L	0.08
24) Chloroform-d	4.352	84	15397	0.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.047	65	6934	0.39	ug/L	0.01
32) Benzene-d6	5.050	84	28010	0.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	9927	0.42	ug/L	0.00
41) Toluene-d8	7.320	98	26433	0.37	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3848	0.38	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	16149	4.27	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	7973	0.52	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11652	0.40	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	8261	0.39	ug/L	93
3) Chloromethane	1.240	50	7592	0.39	ug/L	97
5) Vinyl chloride	1.307	62	7553	0.38	ug/L	98
6) Bromomethane	1.519	94	4960	0.38	ug/L	98
8) Chloroethane	1.580	64	5027	0.43	ug/L	98
9) Trichlorofluoromethane	1.748	101	11560	0.40	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	6378	0.39	ug/L	96
12) 1,1-Dichloroethene	2.114	96	6331	0.40	ug/L	92
13) Acetone	2.211	43	13288m	4.97	ug/L	
14) Carbon disulfide	2.288	76	20605	0.38	ug/L	97
15) Methyl Acetate	2.452	43	1848	0.31	ug/L	97
16) Methylene chloride	2.503	84	16895	0.73	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	16885	0.37	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	7742	0.40	ug/L	96
19) 1,1-Dichloroethane	3.188	63	13525	0.40	ug/L	94
21) 2-Butanone	4.040	43	17311m	3.60	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	8094	0.38	ug/L	97
23) Bromochloromethane	4.256	128	3485	0.37	ug/L	90
25) Chloroform	4.378	83	14367	0.40	ug/L	98
27) 1,2-Dichloroethane	5.143	62	7283	0.37	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	12236	0.37	ug/L	97
30) Cyclohexane	4.674	56	12828	0.40	ug/L	96
31) Carbon tetrachloride	4.825	117	11184	0.38	ug/L	100
33) Benzene	5.101	78	29208	0.39	ug/L	100
34) Trichloroethene	5.921	95	7936	0.35	ug/L	98
35) Methylcyclohexane	6.127	83	13362	0.39	ug/L	95
37) 1,2-Dichloropropane	6.178	63	7343	0.40	ug/L #	93
38) Bromodichloromethane	6.516	83	9753	0.38	ug/L	97
39) cis-1,3-Dichloropropene	7.037	75	10995	0.37	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	44179	3.79	ug/L	95
42) Toluene	7.390	91	31780	0.38	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	8788	0.35	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	5234	0.38	ug/L	92
47) Tetrachloroethene	7.976	164	7469	0.40	ug/L	98
48) 2-Hexanone	8.149	43	27395	3.27	ug/L	97
49) Dibromochloromethane	8.246	129	7216	0.39	ug/L	99
50) 1,2-Dibromoethane	8.358	107	5149	0.39	ug/L	95
51) Chlorobenzene	8.882	112	20778	0.37	ug/L	96
52) Ethylbenzene	9.014	91	34970	0.37	ug/L	100
53) m,p-xylene	9.140	106	14088	0.39	ug/L	94
54) o-xylene	9.545	106	13314	0.38	ug/L	94
55) Styrene	9.564	104	21550	0.36	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	6159	0.46	ug/L	98
59) Bromoform	9.734	173	4268	0.38	ug/L	98
60) Isopropylbenzene	9.931	105	35807	0.38	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4382	0.40	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	30935	0.38	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	31995	0.39	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	18311	0.40	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	18403	0.40	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	16982	0.40	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	1103	0.48	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	16303	0.41	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	12533	0.40	ug/L	100
71) Naphthalene	13.503	128	19076	0.43	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	11463	0.41	ug/L	99

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

