

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021382.D
 Acq On : 25 May 2021 11:50
 Operator : SY/MD
 Sample : VSTD00163
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001163

Manual Integrations
 APPROVED

MMDadoda
 5/26/2021 3:13:03 PM

Quant Time: May 26 07:18:56 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	5.619	114	260392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	239362	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	133669	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	10813	0.69	ug/L	0.00
7) Chloroethane-d5	1.564	69	9878	0.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	20302	0.75	ug/L	0.00
20) 2-Butanone-d5	3.966	46	34595	7.80	ug/L	0.04
24) Chloroform-d	4.355	84	29457	0.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	13417	0.84	ug/L	0.00
32) Benzene-d6	5.056	84	56258	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	17925	0.84	ug/L	0.00
41) Toluene-d8	7.320	98	50847	0.79	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	7299	0.81	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	35754	10.57	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	14428	1.06	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	22080	0.84	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	15487	0.80	ug/L	98
3) Chloromethane	1.240	50	14280	0.82	ug/L	98
5) Vinyl chloride	1.307	62	14414	0.81	ug/L	97
6) Bromomethane	1.519	94	9585	0.82	ug/L	99
8) Chloroethane	1.584	64	8307	0.79	ug/L	99
9) Trichlorofluoromethane	1.751	101	21466	0.82	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	12632	0.84	ug/L	97
12) 1,1-Dichloroethene	2.114	96	12016	0.84	ug/L #	86
13) Acetone	2.252	43	22528m	9.32	ug/L	
14) Carbon disulfide	2.291	76	40300	0.81	ug/L	98
15) Methyl Acetate	2.449	43	3726	0.69	ug/L #	88
16) Methylene chloride	2.506	84	19409	0.93	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	33664	0.82	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	13905	0.79	ug/L	94
19) 1,1-Dichloroethane	3.194	63	25698	0.83	ug/L	97
21) 2-Butanone	4.043	43	32877m	7.56	ug/L	
22) cis-1,2-Dichloroethene	3.924	96	15410	0.80	ug/L	94
23) Bromochloromethane	4.259	128	7119	0.83	ug/L	95
25) Chloroform	4.381	83	26215	0.81	ug/L	97
27) 1,2-Dichloroethane	5.146	62	14417	0.81	ug/L	96
29) 1,1,1-Trichloroethane	4.612	97	23959	0.81	ug/L	99
30) Cyclohexane	4.680	56	24322	0.84	ug/L	98
31) Carbon tetrachloride	4.834	117	21229	0.81	ug/L	96
33) Benzene	5.108	78	55748	0.83	ug/L	100
34) Trichloroethene	5.924	95	15747	0.79	ug/L	93
35) Methylcyclohexane	6.133	83	25606	0.83	ug/L	96
37) 1,2-Dichloropropane	6.178	63	13616	0.82	ug/L	99
38) Bromodichloromethane	6.516	83	19064	0.84	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	22199	0.84	ug/L	97
40) 4-Methyl-2-pentanone	7.236	43	84076	8.06	ug/L	98
42) Toluene	7.394	91	62608	0.83	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	17770	0.79	ug/L	96

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

45) 1,1,2-Trichloroethane	7.844	97	10629	0.86	ug/L	92
47) Tetrachloroethene	7.979	164	14146	0.85	ug/L	96
48) 2-Hexanone	8.149	43	56736	7.56	ug/L	100
49) Dibromochloromethane	8.249	129	13886	0.83	ug/L	93
50) 1,2-Dibromoethane	8.358	107	9863	0.83	ug/L #	95
51) Chlorobenzene	8.886	112	41639	0.84	ug/L	99
52) Ethylbenzene	9.014	91	70390	0.84	ug/L	100
53) m,p-xylene	9.143	106	25665	0.79	ug/L	97
54) o-xylene	9.545	106	26470	0.84	ug/L	96
55) Styrene	9.564	104	43588	0.82	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	12101	1.02	ug/L	99
59) Bromoform	9.734	173	8559	0.85	ug/L	97
60) Isopropylbenzene	9.931	105	72966	0.85	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	9032	0.91	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	60884	0.83	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	61165	0.82	ug/L	99
64) 1,3-Dichlorobenzene	11.184	146	34131	0.83	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	34811	0.84	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	32146	0.84	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	1966	0.95	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	30335	0.84	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	24756	0.87	ug/L	96
71) Naphthalene	13.506	128	38249	0.96	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	22524	0.90	ug/L	98

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

