

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081121\
 Data File : VW021764.D
 Acq On : 11 Aug 2021 09:41
 Operator : SY/MD
 Sample : VSTD0.518
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5218

Manual Integrations
 APPROVED

MMDadoda

8/12/2021 4:11:27 PM

Quant Time: Aug 12 02:43:11 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	5.616	114	199449	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	90719	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	3887	0.484	ug/L	0.00
7) Chloroethane-d5	1.561	69	4767	0.602	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	8329	0.538	ug/L	0.00
20) 2-Butanone-d5	3.966	46	13309m	4.536	ug/L	0.04
24) Chloroform-d	4.352	84	11632	0.513	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.044	65	5445	0.524	ug/L	0.00
32) Benzene-d6	5.053	84	22410	0.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7568	0.533	ug/L	0.00
41) Toluene-d8	7.323	98	20461	0.509	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	2091	0.372	ug/L	0.01
46) 2-Hexanone-d5	8.104	63	8175	3.050	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	4299	0.384	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	7963	0.528	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	6551	0.498	ug/L	98
3) Chloromethane	1.237	50	5999	0.522	ug/L	96
5) Vinyl chloride	1.304	62	5931	0.497	ug/L	99
6) Bromomethane	1.516	94	3829	0.492	ug/L	87
8) Chloroethane	1.581	64	4212	0.581	ug/L	88
9) Trichlorofluoromethane	1.748	101	8764	0.478	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4801	0.480	ug/L	92
12) 1,1-Dichloroethene	2.111	96	4014	0.428	ug/L	95
13) Acetone	2.198	43	10466m	6.064	ug/L	
14) Carbon disulfide	2.285	76	12556	0.404	ug/L #	92
15) Methyl Acetate	2.442	43	2638m	0.641	ug/L	
16) Methylene chloride	2.503	84	11798	0.746	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	12617	0.453	ug/L #	87
18) trans-1,2-Dichloroethene	2.757	96	5217	0.439	ug/L	97
19) 1,1-Dichloroethane	3.188	63	10359	0.489	ug/L	95
21) 2-Butanone	4.037	43	12908m	4.507	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	5932	0.457	ug/L	92
23) Bromochloromethane	4.256	128	2739	0.468	ug/L	87
25) Chloroform	4.378	83	11902	0.545	ug/L	98
27) 1,2-Dichloroethane	5.140	62	5515	0.467	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	8911	0.441	ug/L	98
30) Cyclohexane	4.674	56	8329	0.424	ug/L	96
31) Carbon tetrachloride	4.828	117	7842	0.430	ug/L	99
33) Benzene	5.101	78	21748	0.459	ug/L	100
34) Trichloroethene	5.918	95	6314	0.484	ug/L	92
35) Methylcyclohexane	6.130	83	8788	0.418	ug/L	97
37) 1,2-Dichloropropane	6.182	63	5822	0.491	ug/L	99
38) Bromodichloromethane	6.516	83	6694	0.418	ug/L #	95
39) cis-1,3-Dichloropropene	7.040	75	7132	0.382	ug/L	97
40) 4-Methyl-2-pentanone	7.236	43	30458	4.158	ug/L	98
42) Toluene	7.394	91	23354	0.448	ug/L	93
44) trans-1,3-Dichloropropene	7.664	75	6106	0.399	ug/L	98

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

45) 1,1,2-Trichloroethane	7.847	97	3888	0.440	ug/L	94
47) Tetrachloroethene	7.979	164	4663	0.401	ug/L	94
48) 2-Hexanone	8.153	43	20057	4.033	ug/L	98
49) Dibromochloromethane	8.249	129	4310	0.370	ug/L	89
50) 1,2-Dibromoethane	8.362	107	3736	0.443	ug/L #	78
51) Chlorobenzene	8.886	112	15828	0.459	ug/L	98
52) Ethylbenzene	9.018	91	23860	0.412	ug/L	100
53) m,p-xylene	9.143	106	9631	0.430	ug/L	85
54) o-xylene	9.548	106	9405	0.429	ug/L	97
55) Styrene	9.567	104	14400	0.391	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	3665	0.362	ug/L	90
59) Bromoform	9.738	173	2176	0.350	ug/L #	97
60) Isopropylbenzene	9.934	105	24834	0.477	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	3227	0.502	ug/L	95
62) 1,3,5-Trimethylbenzene	10.542	105	20590	0.468	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	20618	0.457	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	11921	0.467	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	12043	0.471	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	11073	0.466	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	544	0.365	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.651	180	9260	0.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	6587	0.355	ug/L	98
71) Naphthalene	13.513	128	7930	0.274	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	5065	0.307	ug/L	94

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

