

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022554.D
 Acq On : 04 Oct 2021 13:54
 Operator : SY/MD
 Sample : VSTD00131
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001231

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:45:03 PM

Quant Time: Oct 05 01:38:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 05 01:37:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	108543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	101627	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52640	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	3522	0.71	ug/L	0.00
7) Chloroethane-d5	1.564	69	4702	0.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	9687	0.78	ug/L	0.00
20) 2-Butanone-d5	3.982	46	18293	8.45	ug/L	0.05
24) Chloroform-d	4.342	84	12391	0.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	6117	0.85	ug/L	0.00
32) Benzene-d6	5.043	84	21555	0.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	8698	1.01	ug/L	0.00
41) Toluene-d8	7.323	98	17576	0.73	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	1889	0.72	ug/L	0.00
46) 2-Hexanone-d5	8.111	63	10158	6.35	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	5837	0.81	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	8082	0.86	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	7674	0.91	ug/L	99
3) Chloromethane	1.233	50	7475	0.88	ug/L	100
5) Vinyl chloride	1.304	62	7664	0.94	ug/L	97
6) Bromomethane	1.516	94	5109	0.97	ug/L	96
8) Chloroethane	1.581	64	4985	0.96	ug/L	93
9) Trichlorofluoromethane	1.748	101	11161	0.97	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6560	0.96	ug/L	99
12) 1,1-Dichloroethene	2.114	96	5937	0.95	ug/L	93
13) Acetone	2.269	43	9275m	7.55	ug/L	
14) Carbon disulfide	2.285	76	17478	0.85	ug/L	96
15) Methyl Acetate	2.462	43	2021	0.70	ug/L #	78
16) Methylene chloride	2.503	84	7459	0.71	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	14966	0.91	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	6736	0.92	ug/L	90
19) 1,1-Dichloroethane	3.179	63	12215	0.95	ug/L	98
21) 2-Butanone	4.060	43	13270	7.12	ug/L #	70
22) cis-1,2-Dichloroethene	3.899	96	7146	0.97	ug/L	94
23) Bromochloromethane	4.236	128	3352	0.98	ug/L	89
25) Chloroform	4.368	83	12661	0.94	ug/L	96
27) 1,2-Dichloroethane	5.137	62	6632	0.87	ug/L	96
29) 1,1,1-Trichloroethane	4.596	97	9866	0.90	ug/L	95
30) Cyclohexane	4.651	56	8370	0.79	ug/L	98
31) Carbon tetrachloride	4.812	117	9041	0.97	ug/L	99
33) Benzene	5.092	78	23751	0.87	ug/L	100
34) Trichloroethene	5.912	95	7377	1.05	ug/L	98
35) Methylcyclohexane	6.127	83	9074	0.83	ug/L	98
37) 1,2-Dichloropropane	6.178	63	5847	0.86	ug/L	97
38) Bromodichloromethane	6.513	83	7236	0.87	ug/L	89
39) cis-1,3-Dichloropropene	7.043	75	7169	0.80	ug/L	99
40) 4-Methyl-2-pentanone	7.249	43	27990	6.62	ug/L	99
42) Toluene	7.397	91	23734	0.83	ug/L	95
44) trans-1,3-Dichloropropene	7.670	75	6100	0.80	ug/L	94

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45) 1,1,2-Trichloroethane	7.850	97	4328	0.84	ug/L	97
47) Tetrachloroethene	7.982	164	5355	0.91	ug/L	98
48) 2-Hexanone	8.159	43	22618	7.63	ug/L	97
49) Dibromochloromethane	8.252	129	4788	0.85	ug/L	97
50) 1,2-Dibromoethane	8.362	107	3938	0.83	ug/L #	88
51) Chlorobenzene	8.886	112	16282	0.86	ug/L	96
52) Ethylbenzene	9.018	91	23327	0.78	ug/L	98
53) m,p-xylene	9.146	106	8825	0.77	ug/L	93
54) o-xylene	9.548	106	8598	0.77	ug/L	87
55) Styrene	9.564	104	14273	0.76	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.249	83	4921	0.80	ug/L	89
59) Bromoform	9.738	173	2688	0.90	ug/L #	95
60) Isopropylbenzene	9.934	105	22430	0.77	ug/L	97
61) 1,2,3-Trichloropropane	10.278	75	3336	0.75	ug/L	93
62) 1,3,5-Trimethylbenzene	10.542	105	17158	0.72	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	18093	0.76	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	12684	0.87	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	13070	0.89	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	12324	0.89	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	616	0.70	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	9361	0.85	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	7369	0.85	ug/L	99
71) Naphthalene	13.506	128	10513	0.67	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	6169	0.75	ug/L	96

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

