

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022555.D
 Acq On : 04 Oct 2021 14:18
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005232

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:45:07 PM

Quant Time: Oct 05 01:39:12 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	5.616	114	111921	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	104045	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57906	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	17177	3.34	ug/L	0.00
7) Chloroethane-d5	1.561	69	23374	3.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	51355	4.03	ug/L	0.00
20) 2-Butanone-d5	3.934	46	107816	48.31	ug/L	0.00
24) Chloroform-d	4.342	84	70014	4.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	32401	4.36	ug/L	0.00
32) Benzene-d6	5.043	84	119727	4.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	39334	4.47	ug/L	0.00
41) Toluene-d8	7.313	98	101460	4.09	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	11320	4.23	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	71149	43.41	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	31891	4.32	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	42467	4.10	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	46072	5.30	ug/L	100
3) Chloromethane	1.240	50	45649	5.24	ug/L	100
5) Vinyl chloride	1.307	62	45797	5.43	ug/L	100
6) Bromomethane	1.516	94	29210	5.38	ug/L	100
8) Chloroethane	1.577	64	28082	5.27	ug/L	100
9) Trichlorofluoromethane	1.744	101	69512	5.84	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	40088	5.70	ug/L	100
12) 1,1-Dichloroethene	2.111	96	37248	5.77	ug/L	100
13) Acetone	2.204	43	59646m	47.08	ug/L	
14) Carbon disulfide	2.285	76	106097	5.01	ug/L	100
15) Methyl Acetate	2.449	43	19869	6.66	ug/L	100
16) Methylene chloride	2.500	84	39736	3.68	ug/L	100
17) Methyl tert-butyl Ether	2.777	73	92509	5.47	ug/L	100
18) trans-1,2-Dichloroethene	2.751	96	40639	5.37	ug/L	100
19) 1,1-Dichloroethane	3.182	63	71452	5.38	ug/L	100
21) 2-Butanone	4.021	43	98158	51.09	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	43673	5.73	ug/L	100
23) Bromochloromethane	4.240	128	18832	5.33	ug/L	100
25) Chloroform	4.375	83	78357	5.65	ug/L	100
27) 1,2-Dichloroethane	5.133	62	43029	5.47	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	67137	5.96	ug/L	100
30) Cyclohexane	4.661	56	59409	5.46	ug/L	100
31) Carbon tetrachloride	4.815	117	58208	6.10	ug/L	100
33) Benzene	5.092	78	158001	5.68	ug/L	100
34) Trichloroethene	5.908	95	42629	5.95	ug/L	100
35) Methylcyclohexane	6.124	83	62774	5.60	ug/L	100
37) 1,2-Dichloropropane	6.175	63	37683	5.38	ug/L	100
38) Bromodichloromethane	6.513	83	47493	5.56	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	50126	5.43	ug/L	100
40) 4-Methyl-2-pentanone	7.243	43	217008	50.12	ug/L	100
42) Toluene	7.387	91	167449	5.72	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	42890	5.49	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	28389	5.41	ug/L	100
47) Tetrachloroethene	7.976	164	34864	5.81	ug/L	100
48) 2-Hexanone	8.153	43	155318	51.15	ug/L	100
49) Dibromochloromethane	8.249	129	33901	5.87	ug/L	100
50) 1,2-Dibromoethane	8.355	107	26927	5.52	ug/L	100
51) Chlorobenzene	8.882	112	106609	5.53	ug/L	100
52) Ethylbenzene	9.014	91	170491	5.60	ug/L	100
53) m,p-xylene	9.140	106	64679	5.52	ug/L	100
54) o-xylene	9.545	106	63962	5.60	ug/L	100
55) Styrene	9.561	104	115014	5.99	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	30498	4.82	ug/L	100
59) Bromoform	9.734	173	18412	5.59	ug/L	100
60) Isopropylbenzene	9.931	105	172136	5.34	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23260	4.75	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	139483	5.30	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	141228	5.38	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	86921	5.43	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	87214	5.39	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	80859	5.32	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4308	4.43	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	63527	5.27	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	49801	5.22	ug/L	100
71) Naphthalene	13.503	128	82633	4.82	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	48278	5.37	ug/L	100

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

