

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020488.D
 Acq On : 09 Mar 2021 23:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Mar 10 01:02:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 10 01:00:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	290691	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	287619	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	163109	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	96564	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.568	69	74145	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.108	63	174012	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.912	46	143703	40.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.06%
24) Chloroform-d	4.349	84	170113	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.037	65	75450	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.050	84	337821	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.072	67	94593	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.317	98	338334	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloroprop...	7.625	79	35103	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
48) 2-Hexanone-d5	8.095	63	115449	40.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.80%
59) 1,1,2,2-Tetrachloroeth...	10.220	84	62903	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
65) 1,2-Dichlorobenzene-d4	11.632	152	134156	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	159148	4.40	ug/L	98
3) Chloromethane	1.240	50	124786	3.90	ug/L	95
5) Vinyl chloride	1.310	62	135485	3.97	ug/L	99
6) Bromomethane	1.523	94	88817	4.03	ug/L	100
8) Chloroethane	1.584	64	80800	3.93	ug/L	97
9) Trichlorofluoromethane	1.754	101	209850	4.39	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	114901	4.51	ug/L	94
12) 1,1-Dichloroethene	2.118	96	109328	4.42	ug/L	78
13) Acetone	2.214	43	114895	35.74	ug/L #	28
14) Carbon disulfide	2.291	76	298683	3.91	ug/L	99
15) Methyl Acetate	2.445	43	29188	3.75	ug/L	92
16) Methylene chloride	2.507	84	111167	4.17	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	204697	4.01	ug/L #	94
18) trans-1,2-Dichloroethene	2.761	96	112295	4.33	ug/L	91
19) 1,1-Dichloroethane	3.191	63	187663	4.11	ug/L	98
21) 2-Butanone	3.992	43	178207	36.35	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	115995	4.30	ug/L	93
23) Bromochloromethane	4.252	128	55124	4.69	ug/L	90
25) Chloroform	4.375	83	209952	4.35	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	109215	3.95	ug/L #	95
29) 1,1,1-Trichloroethane	4.609	97	186737	4.35	ug/L	95
30) Cyclohexane	4.677	56	152281	3.95	ug/L	94
31) Carbon tetrachloride	4.828	117	165554	4.51	ug/L	99
33) Benzene	5.101	78	444492	4.27	ug/L	100
34) Trichloroethene	5.915	95	127300	4.35	ug/L	98
35) Methylcyclohexane	6.133	83	176207	4.16	ug/L	94
37) 1,2-Dichloropropane	6.175	63	101149	4.07	ug/L	100
38) Bromodichloromethane	6.513	83	134167	4.15	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	141750	4.06	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	465450	37.78	ug/L #	92
42) Toluene	7.391	91	502108	4.44	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	461048	4.62	ug/L	98
44) 1,2,4-Trimethylbenzene	10.918	105	478009	4.70	ug/L	98
46) trans-1,3-Dichloropropene	7.654	75	114428	4.02	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	76545	4.26	ug/L	94
49) Tetrachloroethene	7.979	164	113087	4.67	ug/L	96
50) 2-Hexanone	8.143	43	329747	38.18	ug/L	89
51) Dibromochloromethane	8.249	129	95681	4.58	ug/L	97
52) 1,2-Dibromoethane	8.358	107	72202	4.44	ug/L	100
53) Chlorobenzene	8.886	112	334138	4.48	ug/L	97
54) Ethylbenzene	9.018	91	545964	4.41	ug/L	99
55) m,p-xylene	9.143	106	216859	4.65	ug/L	99
56) o-xylene	9.548	106	205052	4.58	ug/L	93
57) Styrene	9.564	104	353740	4.70	ug/L	90
58) Isopropylbenzene	9.937	105	558272	4.59	ug/L	97
60) 1,1,2,2-Tetrachloroethane	10.249	83	73328	3.85	ug/L	98
62) Bromoform	9.738	173	50499	4.40	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	289468	4.44	ug/L	100
64) 1,4-Dichlorobenzene	11.278	146	288340	4.36	ug/L	98
66) 1,2-Dichlorobenzene	11.651	146	264509	4.47	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	10288	3.54	ug/L #	82
68) 1,3,5-Trichlorobenzene	12.651	180	237161	4.49	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	184541	4.39	ug/L	98
70) Naphthalene	13.509	128	226356	3.87	ug/L	98
71) 1,2,3-Trichlorobenzene	13.750	180	167042	4.56	ug/L	97

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

