

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022321\
 Data File : VW020378.D
 Acq On : 23 Feb 2021 12:21
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Feb 24 01:24:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 24 01:23:15 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.619	114	333569	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	319695	5.00 ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	175352	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	94919	4.04 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 80.80%
7) Chloroethane-d5	1.568	69	76949	4.17 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 83.40%
11) 1,1-Dichloroethene-d2	2.108	63	188788	4.13 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 82.60%
20) 2-Butanone-d5	3.896	46	172313	42.35 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 84.70%
24) Chloroform-d	4.349	84	176707	4.21 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 84.20%
26) 1,2-Dichloroethane-d4	5.034	65	84082	4.12 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 82.40%
32) Benzene-d6	5.050	84	344454	4.30 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 86.00%
36) 1,2-Dichloropropane-d6	6.072	67	99206	4.18 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 83.60%
41) Toluene-d8	7.317	98	336612	4.36 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 87.20%
45) trans-1,3-Dichloroprop...	7.625	79	37530	4.14 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 82.80%
48) 2-Hexanone-d5	8.092	63	136195	42.88 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 85.76%
59) 1,1,2,2-Tetrachloroeth...	10.220	84	69501	4.13 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 82.60%
65) 1,2-Dichlorobenzene-d4	11.632	152	132991	4.28 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 85.60%

Target Compounds				Qvalue	
2) Dichlorodifluoromethane	1.127	85	186678	4.49 ug/L	98
3) Chloromethane	1.240	50	153263	4.18 ug/L	97
5) Vinyl chloride	1.311	62	168482	4.31 ug/L	100
6) Bromomethane	1.520	94	104494	4.13 ug/L	99
8) Chloroethane	1.584	64	99326	4.21 ug/L	95
9) Trichlorofluoromethane	1.751	101	243799	4.44 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	134876	4.62 ug/L	100
12) 1,1-Dichloroethene	2.118	96	123637	4.36 ug/L	81
13) Acetone	2.188	43	148474	40.25 ug/L #	34
14) Carbon disulfide	2.291	76	371048	4.24 ug/L	98
15) Methyl Acetate	2.439	43	34680	3.88 ug/L	90
16) Methylene chloride	2.507	84	126965	4.15 ug/L	99
17) Methyl tert-butyl Ether	2.767	73	238150	4.07 ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	127399	4.28 ug/L	97
19) 1,1-Dichloroethane	3.188	63	221921	4.24 ug/L	98
21) 2-Butanone	3.976	43	231755	41.20 ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	131338	4.25 ug/L	96
23) Bromochloromethane	4.246	128	57898	4.29 ug/L	86
25) Chloroform	4.375	83	237163	4.28 ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	127463	4.01	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	207321	4.34	ug/L	99
30) Cyclohexane	4.677	56	196213	4.58	ug/L	97
31) Carbon tetrachloride	4.828	117	182675	4.48	ug/L	100
33) Benzene	5.098	78	505183	4.36	ug/L	100
34) Trichloroethene	5.915	95	138014	4.25	ug/L	99
35) Methylcyclohexane	6.133	83	217913	4.63	ug/L	97
37) 1,2-Dichloropropane	6.175	63	119851	4.34	ug/L	98
38) Bromodichloromethane	6.510	83	152233	4.24	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	166040	4.28	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	561953	41.04	ug/L	95
42) Toluene	7.391	91	561680	4.47	ug/L	97
43) 1,3,5-Trimethylbenzene	10.545	105	506310	4.56	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	524839	4.64	ug/L	99
46) trans-1,3-Dichloropropene	7.654	75	135375	4.28	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	83394	4.18	ug/L	91
49) Tetrachloroethene	7.976	164	120466	4.48	ug/L	95
50) 2-Hexanone	8.140	43	399526	41.62	ug/L	93
51) Dibromochloromethane	8.249	129	98411	4.24	ug/L	97
52) 1,2-Dibromoethane	8.355	107	77958	4.31	ug/L	98
53) Chlorobenzene	8.886	112	359025	4.33	ug/L	99
54) Ethylbenzene	9.014	91	614959	4.47	ug/L	100
55) m,p-xylene	9.143	106	235186	4.54	ug/L	100
56) o-xylene	9.548	106	222510	4.47	ug/L	95
57) Styrene	9.564	104	381475	4.56	ug/L	95
58) Isopropylbenzene	9.937	105	616534	4.56	ug/L	99
60) 1,1,1,2-Tetrachloroethane	10.246	83	86383	4.08	ug/L	98
62) Bromoform	9.738	173	50663	4.11	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	301669	4.31	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	300945	4.23	ug/L	99
66) 1,2-Dichlorobenzene	11.651	146	271925	4.27	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	12879	4.12	ug/L	94
68) 1,3,5-Trichlorobenzene	12.651	180	247345	4.35	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	197031	4.36	ug/L	97
70) Naphthalene	13.509	128	263013	4.18	ug/L	98
71) 1,2,3-Trichlorobenzene	13.751	180	171635	4.36	ug/L	98

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

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