

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031021\
 Data File : VW020490.D
 Acq On : 10 Mar 2021 10:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Mar 11 00:44:31 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	287920	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	283117	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	163110	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93498	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.564	69	73400	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.104	63	172102	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	3.918	46	156654	44.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.22%
24) Chloroform-d	4.349	84	171864	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.034	65	77424	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.050	84	339854	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.072	67	96849	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.316	98	335311	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloroprop...	7.625	79	38332	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
48) 2-Hexanone-d5	8.095	63	128118	45.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	66478	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
65) 1,2-Dichlorobenzene-d4	11.631	152	138939	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	175390	4.89	ug/L	100
3) Chloromethane	1.240	50	129646	4.09	ug/L	96
5) Vinyl chloride	1.310	62	144318	4.27	ug/L	98
6) Bromomethane	1.519	94	95943	4.40	ug/L	99
8) Chloroethane	1.584	64	81699	4.01	ug/L	98
9) Trichlorofluoromethane	1.751	101	222919	4.71	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	129219	5.12	ug/L	94
12) 1,1-Dichloroethene	2.114	96	115179	4.70	ug/L	74
13) Acetone	2.223	43	125706	39.48	ug/L	95
14) Carbon disulfide	2.288	76	325079	4.30	ug/L	98
15) Methyl Acetate	2.445	43	28926	3.75	ug/L	98
16) Methylene chloride	2.503	84	116583	4.42	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	218267	4.32	ug/L	# 93
18) trans-1,2-Dichloroethene	2.757	96	118296	4.61	ug/L	92
19) 1,1-Dichloroethane	3.188	63	196704	4.35	ug/L	96
21) 2-Butanone	3.995	43	201212	41.44	ug/L	92
22) cis-1,2-Dichloroethene	3.911	96	124375	4.66	ug/L	87
23) Bromochloromethane	4.249	128	57678	4.95	ug/L	89
25) Chloroform	4.374	83	222868	4.66	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	116440	4.25	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	198093	4.69	ug/L	95
30) Cyclohexane	4.674	56	167792	4.42	ug/L	93
31) Carbon tetrachloride	4.828	117	179374	4.97	ug/L	100
33) Benzene	5.098	78	464257	4.53	ug/L	100
34) Trichloroethene	5.915	95	132746	4.61	ug/L	96
35) Methylcyclohexane	6.130	83	200056	4.80	ug/L	94
37) 1,2-Dichloropropane	6.175	63	105994	4.34	ug/L	99
38) Bromodichloromethane	6.513	83	143589	4.51	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	152938	4.45	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	492863	40.64	ug/L #	90
42) Toluene	7.390	91	528203	4.75	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	500641	5.09	ug/L	99
44) 1,2,4-Trimethylbenzene	10.921	105	512972	5.12	ug/L	97
46) trans-1,3-Dichloropropene	7.654	75	129535	4.62	ug/L	99
47) 1,1,2-Trichloroethane	7.844	97	81834	4.63	ug/L	93
49) Tetrachloroethene	7.979	164	122898	5.16	ug/L	95
50) 2-Hexanone	8.146	43	356033	41.88	ug/L #	88
51) Dibromochloromethane	8.249	129	103091	5.02	ug/L	96
52) 1,2-Dibromoethane	8.358	107	76812	4.80	ug/L	99
53) Chlorobenzene	8.886	112	354160	4.83	ug/L	96
54) Ethylbenzene	9.014	91	574049	4.71	ug/L	97
55) m,p-xylene	9.143	106	229965	5.01	ug/L	95
56) o-xylene	9.548	106	217737	4.94	ug/L	94
57) Styrene	9.564	104	373992	5.05	ug/L	93
58) Isopropylbenzene	9.937	105	602826	5.04	ug/L	97
60) 1,1,2,2-Tetrachloroethane	10.246	83	79779	4.25	ug/L	100
62) Bromoform	9.738	173	56301	4.91	ug/L	98
63) 1,3-Dichlorobenzene	11.185	146	312420	4.80	ug/L	97
64) 1,4-Dichlorobenzene	11.278	146	313965	4.75	ug/L	97
66) 1,2-Dichlorobenzene	11.648	146	279584	4.72	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	11430	3.93	ug/L	88
68) 1,3,5-Trichlorobenzene	12.651	180	265112	5.02	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	208013	4.95	ug/L	98
70) Naphthalene	13.512	128	262811	4.49	ug/L	98
71) 1,2,3-Trichlorobenzene	13.750	180	186244	5.09	ug/L	96

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

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