

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031021\
 Data File : VW020496.D
 Acq On : 10 Mar 2021 13:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Mar 11 00:51:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 11 00:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	293090	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	292434	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	167082	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92565	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.568	69	74945	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.108	63	165024	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.902	46	146512	40.98	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.96%
24) Chloroform-d	4.349	84	168808	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.034	65	76940	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.053	84	329746	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.072	67	93077	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.317	98	324498	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloroprop...	7.625	79	35819	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
48) 2-Hexanone-d5	8.092	63	119240	41.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.08%
59) 1,1,2,2-Tetrachloroeth...	10.220	84	64090	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
65) 1,2-Dichlorobenzene-d4	11.632	152	135428	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	165402	4.53	ug/L	99
3) Chloromethane	1.243	50	124717	3.87	ug/L	96
5) Vinyl chloride	1.311	62	136942	3.98	ug/L	99
6) Bromomethane	1.523	94	89899	4.05	ug/L	99
8) Chloroethane	1.587	64	80064	3.86	ug/L	97
9) Trichlorofluoromethane	1.754	101	217216	4.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	122552	4.77	ug/L	94
12) 1,1-Dichloroethene	2.118	96	109136	4.38	ug/L	78
13) Acetone	2.195	43	112296	34.65	ug/L #	22
14) Carbon disulfide	2.294	76	299739	3.90	ug/L	97
15) Methyl Acetate	2.442	43	29631	3.77	ug/L	89
16) Methylene chloride	2.507	84	121478	4.52	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	204865	3.98	ug/L #	93
18) trans-1,2-Dichloroethene	2.761	96	112063	4.29	ug/L	92
19) 1,1-Dichloroethane	3.191	63	187174	4.07	ug/L	99
21) 2-Butanone	3.982	43	179680	36.35	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	118722	4.37	ug/L	88
23) Bromochloromethane	4.249	128	53383	4.50	ug/L	89
25) Chloroform	4.375	83	214043	4.40	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	108046	3.87	ug/L #	94
29) 1,1,1-Trichloroethane	4.609	97	187704	4.30	ug/L	95
30) Cyclohexane	4.677	56	156979	4.01	ug/L	94
31) Carbon tetrachloride	4.828	117	170398	4.57	ug/L	99
33) Benzene	5.101	78	445418	4.20	ug/L	100
34) Trichloroethene	5.915	95	127046	4.27	ug/L	97
35) Methylcyclohexane	6.133	83	186555	4.33	ug/L	94
37) 1,2-Dichloropropane	6.175	63	105865	4.19	ug/L	98
38) Bromodichloromethane	6.513	83	135472	4.12	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	142993	4.03	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	457873	36.55	ug/L #	91
42) Toluene	7.391	91	502177	4.37	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	473962	4.67	ug/L	99
44) 1,2,4-Trimethylbenzene	10.921	105	486403	4.70	ug/L	97
46) trans-1,3-Dichloropropene	7.654	75	117821	4.07	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	76445	4.19	ug/L	93
49) Tetrachloroethene	7.976	164	117351	4.77	ug/L	94
50) 2-Hexanone	8.143	43	328538	37.41	ug/L #	87
51) Dibromochloromethane	8.249	129	97379	4.59	ug/L	96
52) 1,2-Dibromoethane	8.355	107	72563	4.39	ug/L	100
53) Chlorobenzene	8.886	112	337246	4.45	ug/L	96
54) Ethylbenzene	9.014	91	547892	4.36	ug/L	98
55) m,p-xylene	9.143	106	222140	4.69	ug/L	97
56) o-xylene	9.548	106	206361	4.53	ug/L	94
57) Styrene	9.564	104	358434	4.68	ug/L	92
58) Isopropylbenzene	9.937	105	574547	4.65	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.246	83	74542	3.85	ug/L	97
62) Bromoform	9.738	173	51479	4.38	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	298396	4.47	ug/L	97
64) 1,4-Dichlorobenzene	11.278	146	294396	4.35	ug/L	97
66) 1,2-Dichlorobenzene	11.648	146	266088	4.39	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	10185	3.42	ug/L #	75
68) 1,3,5-Trichlorobenzene	12.651	180	247721	4.58	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	191459	4.45	ug/L	97
70) Naphthalene	13.509	128	230562	3.84	ug/L	97
71) 1,2,3-Trichlorobenzene	13.751	180	170533	4.55	ug/L	97

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

