

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022721\
 Data File : VW020419.D
 Acq On : 26 Feb 2021 16:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Feb 27 01:15:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 27 01:11:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	290290	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	280537	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	156917	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	109704	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.568	69	82078	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.108	63	196369	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	3.899	46	168930	47.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.42%
24) Chloroform-d	4.349	84	184313	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.034	65	86795	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.050	84	367595	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.072	67	103161	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.317	98	360370	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
45) trans-1,3-Dichloroprop...	7.625	79	40052	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
48) 2-Hexanone-d5	8.092	63	135838	48.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.46%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	71144	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
65) 1,2-Dichlorobenzene-d4	11.632	152	141370	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	182091	5.04	ug/L	100
3) Chloromethane	1.240	50	146990	4.60	ug/L	96
5) Vinyl chloride	1.310	62	160246	4.71	ug/L	100
6) Bromomethane	1.523	94	100189	4.55	ug/L	99
8) Chloroethane	1.584	64	93691	4.56	ug/L	97
9) Trichlorofluoromethane	1.754	101	240994	5.05	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	133255	5.24	ug/L	95
12) 1,1-Dichloroethene	2.118	96	120961	4.90	ug/L	82
13) Acetone	2.191	43	138052	43.01	ug/L #	29
14) Carbon disulfide	2.294	76	339981	4.46	ug/L	98
15) Methyl Acetate	2.439	43	33660	4.33	ug/L #	87
16) Methylene chloride	2.507	84	132998	5.00	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	230446	4.52	ug/L #	95
18) trans-1,2-Dichloroethene	2.761	96	123621	4.78	ug/L	96
19) 1,1-Dichloroethane	3.188	63	214369	4.70	ug/L	97
21) 2-Butanone	3.979	43	221831	45.31	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	131022	4.87	ug/L	93
23) Bromochloromethane	4.249	128	58359	4.97	ug/L	92
25) Chloroform	4.375	83	234969	4.87	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	127741	4.62	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	205350	4.90	ug/L	97
30) Cyclohexane	4.677	56	185107	4.93	ug/L	97
31) Carbon tetrachloride	4.828	117	183631	5.13	ug/L	99
33) Benzene	5.101	78	492077	4.84	ug/L	100
34) Trichloroethene	5.915	95	138194	4.84	ug/L	97
35) Methylcyclohexane	6.133	83	210220	5.09	ug/L	96
37) 1,2-Dichloropropane	6.175	63	118614	4.90	ug/L	99
38) Bromodichloromethane	6.510	83	149451	4.74	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	158192	4.65	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	544296	45.29	ug/L	94
42) Toluene	7.391	91	554757	5.03	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	511344	5.25	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	526416	5.30	ug/L	98
46) trans-1,3-Dichloropropene	7.654	75	132449	4.77	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	83604	4.77	ug/L	93
49) Tetrachloroethene	7.979	164	121341	5.14	ug/L	98
50) 2-Hexanone	8.143	43	384725	45.67	ug/L	91
51) Dibromochloromethane	8.249	129	100288	4.93	ug/L	96
52) 1,2-Dibromoethane	8.355	107	78185	4.93	ug/L	99
53) Chlorobenzene	8.886	112	359897	4.95	ug/L	98
54) Ethylbenzene	9.018	91	607071	5.03	ug/L	99
55) m,p-xylene	9.143	106	236645	5.21	ug/L	98
56) o-xylene	9.548	106	225466	5.16	ug/L	95
57) Styrene	9.564	104	383928	5.23	ug/L	93
58) Isopropylbenzene	9.937	105	617010	5.20	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.246	83	82237	4.42	ug/L	97
62) Bromoform	9.735	173	52153	4.73	ug/L	100
63) 1,3-Dichlorobenzene	11.188	146	310369	4.95	ug/L	98
64) 1,4-Dichlorobenzene	11.278	146	310592	4.88	ug/L	99
66) 1,2-Dichlorobenzene	11.651	146	281753	4.95	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	11695	4.18	ug/L	91
68) 1,3,5-Trichlorobenzene	12.651	180	259772	5.11	ug/L	98
69) 1,2,4-trichlorobenzene	13.268	180	199837	4.94	ug/L	97
70) Naphthalene	13.509	128	258024	4.58	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	175609	4.99	ug/L	97

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

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