

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020484.D
 Acq On : 09 Mar 2021 20:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Mar 10 00:23:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 10 00:20:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	263737	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	260571	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	147508	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	94490	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.568	69	72589	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.108	63	171606	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.912	46	166232	51.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	4.352	84	167959	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.037	65	78203	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.053	84	328168	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.076	67	93814	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.320	98	330562	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
45) trans-1,3-Dichloroprop...	7.629	79	37519	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
48) 2-Hexanone-d5	8.095	63	138775	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	71959	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
65) 1,2-Dichlorobenzene-d4	11.632	152	135113	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.130	85	156305	4.76	ug/L 100
3) Chloromethane	1.240	50	125103	4.31	ug/L 96
5) Vinyl chloride	1.310	62	140842	4.55	ug/L 99
6) Bromomethane	1.523	94	87830	4.39	ug/L 99
8) Chloroethane	1.584	64	81309	4.36	ug/L 98
9) Trichlorofluoromethane	1.754	101	210972	4.86	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	116176	5.03	ug/L 94
12) 1,1-Dichloroethene	2.117	96	109744	4.89	ug/L 78
13) Acetone	2.208	43	136586	46.83	ug/L # 24
14) Carbon disulfide	2.294	76	298851	4.32	ug/L 98
15) Methyl Acetate	2.445	43	32769	4.64	ug/L 94
16) Methylene chloride	2.510	84	115045	4.76	ug/L 93
17) Methyl tert-butyl Ether	2.773	73	229444	4.95	ug/L # 93
18) trans-1,2-Dichloroethene	2.761	96	113984	4.85	ug/L 93
19) 1,1-Dichloroethane	3.191	63	193636	4.68	ug/L 99
21) 2-Butanone	3.995	43	228692	51.41	ug/L 93
22) cis-1,2-Dichloroethene	3.915	96	120501	4.93	ug/L 89
23) Bromochloromethane	4.252	128	57732	5.41	ug/L 91
25) Chloroform	4.381	83	214190	4.89	ug/L 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	121683	4.85	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	188992	4.86	ug/L	96
30) Cyclohexane	4.680	56	150823	4.32	ug/L	95
31) Carbon tetrachloride	4.831	117	164820	4.96	ug/L	99
33) Benzene	5.101	78	445362	4.72	ug/L	100
34) Trichloroethene	5.918	95	127515	4.81	ug/L	98
35) Methylcyclohexane	6.133	83	176211	4.59	ug/L	93
37) 1,2-Dichloropropane	6.178	63	107793	4.79	ug/L	99
38) Bromodichloromethane	6.516	83	143752	4.91	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	150669	4.77	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	557521	49.95	ug/L #	91
42) Toluene	7.391	91	504556	4.93	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	460141	5.09	ug/L	99
44) 1,2,4-Trimethylbenzene	10.921	105	471913	5.12	ug/L	97
46) trans-1,3-Dichloropropene	7.657	75	126313	4.89	ug/L	99
47) 1,1,2-Trichloroethane	7.844	97	84505	5.20	ug/L	90
49) Tetrachloroethene	7.979	164	112636	5.13	ug/L	94
50) 2-Hexanone	8.146	43	405922	51.88	ug/L	90
51) Dibromochloromethane	8.252	129	103684	5.48	ug/L	96
52) 1,2-Dibromoethane	8.358	107	78690	5.34	ug/L	96
53) Chlorobenzene	8.886	112	337195	4.99	ug/L	97
54) Ethylbenzene	9.018	91	538952	4.81	ug/L	98
55) m,p-xylene	9.143	106	213645	5.06	ug/L	99
56) o-xylene	9.548	106	202829	5.00	ug/L	95
57) Styrene	9.564	104	359487	5.27	ug/L	94
58) Isopropylbenzene	9.937	105	550202	4.99	ug/L	97
60) 1,1,2,2-Tetrachloroethane	10.249	83	87086	5.04	ug/L	98
62) Bromoform	9.738	173	56209	5.42	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	296696	5.04	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	295419	4.94	ug/L	97
66) 1,2-Dichlorobenzene	11.651	146	270122	5.04	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	12330	4.69	ug/L	87
68) 1,3,5-Trichlorobenzene	12.651	180	240199	5.03	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	196399	5.17	ug/L	99
70) Naphthalene	13.513	128	264527	5.00	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	179264	5.42	ug/L	97

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

