

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022321\
 Data File : VW020375.D
 Acq On : 23 Feb 2021 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Feb 24 01:19:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 23 02:26:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	304444	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	295810	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	162055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	102451	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.568	69	82028	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.111	63	201131	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.895	46	179096	48.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.46%
24) Chloroform-d	4.349	84	188021	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.034	65	90506	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.050	84	367745	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.072	67	107658	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.317	98	361460	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
45) trans-1,3-Dichloroprop...	7.625	79	41079	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
48) 2-Hexanone-d5	8.091	63	142466	48.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.94%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	75530	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.631	152	138486	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.130	85	188513	4.97	ug/L 98
3) Chloromethane	1.243	50	154107	4.60	ug/L 96
5) Vinyl chloride	1.310	62	166831	4.67	ug/L 100
6) Bromomethane	1.523	94	107435	4.66	ug/L 97
8) Chloroethane	1.587	64	100295	4.66	ug/L 98
9) Trichlorofluoromethane	1.754	101	246214	4.92	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	133409	5.00	ug/L 99
12) 1,1-Dichloroethene	2.117	96	123635	4.77	ug/L 91
13) Acetone	2.185	43	146908	43.64	ug/L # 30
14) Carbon disulfide	2.294	76	376425	4.71	ug/L 98
15) Methyl Acetate	2.439	43	34191	4.19	ug/L 90
16) Methylene chloride	2.506	84	125278	4.49	ug/L 98
17) Methyl tert-butyl Ether	2.767	73	238554	4.46	ug/L 95
18) trans-1,2-Dichloroethene	2.760	96	129227	4.76	ug/L 98
19) 1,1-Dichloroethane	3.191	63	223752	4.68	ug/L 96
21) 2-Butanone	3.976	43	227391	44.29	ug/L 96
22) cis-1,2-Dichloroethene	3.912	96	131825	4.67	ug/L 96
23) Bromochloromethane	4.249	128	59053	4.80	ug/L 87
25) Chloroform	4.375	83	238006	4.71	ug/L 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	130891	4.52	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	211423	4.79	ug/L	99
30) Cyclohexane	4.677	56	191747	4.84	ug/L	97
31) Carbon tetrachloride	4.828	117	182246	4.83	ug/L	98
33) Benzene	5.101	78	510362	4.76	ug/L	100
34) Trichloroethene	5.915	95	140403	4.67	ug/L	99
35) Methylcyclohexane	6.133	83	216263	4.97	ug/L	97
37) 1,2-Dichloropropane	6.175	63	121007	4.74	ug/L	98
38) Bromodichloromethane	6.513	83	153729	4.62	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	169800	4.73	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	566519	44.71	ug/L	95
42) Toluene	7.390	91	564714	4.86	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	514563	5.01	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	529117	5.06	ug/L	99
46) trans-1,3-Dichloropropene	7.654	75	138051	4.71	ug/L	97
47) 1,1,2-Trichloroethane	7.841	97	84862	4.60	ug/L	93
49) Tetrachloroethene	7.979	164	121647	4.88	ug/L	95
50) 2-Hexanone	8.140	43	408218	45.96	ug/L	93
51) Dibromochloromethane	8.249	129	100423	4.68	ug/L	95
52) 1,2-Dibromoethane	8.355	107	79010	4.72	ug/L	96
53) Chlorobenzene	8.886	112	358854	4.68	ug/L	99
54) Ethylbenzene	9.014	91	615285	4.84	ug/L	99
55) m,p-xylene	9.143	106	241846	5.05	ug/L	100
56) o-xylene	9.548	106	225018	4.89	ug/L	99
57) Styrene	9.564	104	387359	5.00	ug/L	96
58) Isopropylbenzene	9.937	105	618015	4.94	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.246	83	88020	4.49	ug/L	99
62) Bromoform	9.738	173	52646	4.62	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	307111	4.75	ug/L	98
64) 1,4-Dichlorobenzene	11.278	146	307543	4.68	ug/L	99
66) 1,2-Dichlorobenzene	11.651	146	277016	4.71	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	12824	4.44	ug/L	92
68) 1,3,5-Trichlorobenzene	12.654	180	253890	4.84	ug/L	98
69) 1,2,4-trichlorobenzene	13.268	180	199192	4.77	ug/L	100
70) Naphthalene	13.512	128	263259	4.53	ug/L	99
71) 1,2,3-Trichlorobenzene	13.754	180	172695	4.75	ug/L	96

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

