

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012391.D
 Acq On : 26 Aug 2019 09:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Quant Time: Aug 27 02:19:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 26 07:59:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	278919	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60886	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	45162	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.13	63	110003	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.97	46	167808	44.67	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.34%
24) Chloroform-d	4.40	84	146553	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	69281	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.09	84	286372	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	86056	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.36	98	264963	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	31161	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.14	63	101999	43.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56421	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	90976	4.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	118192	4.962	ug/L 98
3) Chloromethane	1.25	50	87128	4.755	ug/L 98
5) Vinyl chloride	1.32	62	84306	4.745	ug/L 99
6) Bromomethane	1.54	94	37819	4.664	ug/L 95
8) Chloroethane	1.60	64	44426	4.981	ug/L 99
9) Trichlorofluoromethane	1.77	101	122676	5.187	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	60482	4.910	ug/L 97
12) 1,1-Dichloroethene	2.14	96	55011	4.917	ug/L 93
13) Acetone	2.23	43	86397	53.158	ug/L 95
14) Carbon disulfide	2.31	76	167166	4.755	ug/L 100
15) Methyl Acetate	2.47	43	19374	4.735	ug/L 92
16) Methylene chloride	2.53	84	55053	4.416	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	165007	4.894	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	80533	4.840	ug/L 94
19) 1,1-Dichloroethane	3.23	63	154620	4.998	ug/L 97
21) 2-Butanone	4.05	43	197016	51.610	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	81441	4.488	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	37028	4.907	ug/L	98
25) Chloroform	4.42	83	158310	4.587	ug/L	97
27) 1,2-Dichloroethane	5.18	62	90600	4.974	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	131761	4.885	ug/L	99
30) Cyclohexane	4.72	56	130250	4.674	ug/L	98
31) Carbon tetrachloride	4.87	117	117959	4.945	ug/L	100
33) Benzene	5.14	78	338311	4.914	ug/L	100
34) Trichloroethene	5.96	95	88418	4.758	ug/L	99
35) Methylcyclohexane	6.17	83	134035	4.593	ug/L	97
37) 1,2-Dichloropropane	6.22	63	83239	4.771	ug/L	99
38) Bromodichloromethane	6.55	83	104190	4.841	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	109719	4.678	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	465142	49.635	ug/L	99
42) Toluene	7.43	91	353693	5.029	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	86965	4.902	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	53758	4.756	ug/L	98
47) Tetrachloroethene	8.02	164	72923	4.864	ug/L	95
48) 2-Hexanone	8.19	43	340058	50.431	ug/L	98
49) Dibromochloromethane	8.29	129	66263	4.893	ug/L	100
50) 1,2-Dibromoethane	8.39	107	50110	4.690	ug/L	100
51) Chlorobenzene	8.92	112	220156	4.792	ug/L	99
52) Ethylbenzene	9.05	91	363069	4.796	ug/L	99
53) m,p-xylene	9.18	106	138698	4.888	ug/L	99
54) o-xylene	9.59	106	134155	4.968	ug/L	98
55) Styrene	9.60	104	230884	5.110	ug/L	99
56) Isopropylbenzene	9.97	105	352892	4.883	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	57989	4.780	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	45736	4.772	ug/L	100
61) Bromoform	9.78	173	35405	4.517	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	172266	4.643	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	172303	4.637	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	157290	4.610	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	8293	4.240	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	129794	4.569	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	89655	4.529	ug/L	99
69) Naphthalene	13.55	128	107148	3.910	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	83609	4.509	ug/L	98

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

