

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011386.D
 Acq On : 11 Jun 2019 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Jun 12 02:29:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 02:23:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148881	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144073	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44122	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.55	69	40202	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.12	63	100145	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.94	46	150357	59.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.40%
24) Chloroform-d	4.40	84	99380	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	56900	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.09	84	187882	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.11	67	58806	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	176495	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	19722	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.13	63	114673	53.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47607	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	62669	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	67300	4.583	ug/L 98
3) Chloromethane	1.25	50	64049	4.512	ug/L 99
5) Vinyl chloride	1.32	62	67003	4.892	ug/L 98
6) Bromomethane	1.51	94	27123	3.806	ug/L 98
8) Chloroethane	1.57	64	41632	4.756	ug/L 96
9) Trichlorofluoromethane	1.75	101	90688	4.823	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	48499	5.025	ug/L 96
12) 1,1-Dichloroethene	2.13	96	43905	4.681	ug/L 95
13) Acetone	2.19	43	99596	58.487	ug/L 98
14) Carbon disulfide	2.30	76	115037	4.043	ug/L 99
15) Methyl Acetate	2.46	43	24377	5.390	ug/L 96
16) Methylene chloride	2.52	84	49882	5.161	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	126577	5.055	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	48829	4.649	ug/L 96
19) 1,1-Dichloroethane	3.22	63	97215	4.693	ug/L 99
21) 2-Butanone	4.03	43	149596	57.044	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	54167	4.657	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	20507	4.599	ug/L	91
25) Chloroform	4.42	83	96206	4.497	ug/L	98
27) 1,2-Dichloroethane	5.18	62	65723	5.027	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	79705	4.338	ug/L	99
30) Cyclohexane	4.71	56	86020	4.222	ug/L	96
31) Carbon tetrachloride	4.87	117	65434	4.260	ug/L	98
33) Benzene	5.14	78	208787	4.554	ug/L	100
34) Trichloroethene	5.96	95	54242	4.580	ug/L	99
35) Methylcyclohexane	6.17	83	83706	4.274	ug/L	99
37) 1,2-Dichloropropane	6.22	63	51977	4.555	ug/L	100
38) Bromodichloromethane	6.55	83	59642	4.228	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	68640	4.112	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	378268	52.059	ug/L	99
42) Toluene	7.43	91	226458	4.635	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	52567	4.142	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	34643	4.743	ug/L	94
47) Tetrachloroethene	8.02	164	39384	4.601	ug/L	97
48) 2-Hexanone	8.18	43	274323	54.133	ug/L	98
49) Dibromochloromethane	8.29	129	34851	4.201	ug/L	100
50) 1,2-Dibromoethane	8.40	107	31148	4.486	ug/L	96
51) Chlorobenzene	8.92	112	139918	4.696	ug/L	99
52) Ethylbenzene	9.05	91	250721	4.620	ug/L	99
53) m,p-xylene	9.18	106	92606	4.615	ug/L	100
54) o-xylene	9.59	106	91761	4.659	ug/L	98
55) Styrene	9.60	104	150821	4.702	ug/L	95
56) Isopropylbenzene	9.97	105	245104	4.624	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	45010	5.083	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	33037	4.964	ug/L	99
61) Bromoform	9.77	173	16136	4.172	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	99798	4.688	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	98482	4.766	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	96721	4.915	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	5826	4.132	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	71964	4.699	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	53556	4.606	ug/L	96
69) Naphthalene	13.55	128	89277	4.691	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	49767	4.773	ug/L	97

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

