

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
 Data File : VV012589.D
 Acq On : 06 Sep 2019 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: Sep 06 11:37:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 11:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216895	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	213010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	103435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85912	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	79957	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.13	63	204082	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.97	46	181939	45.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.98%
24) Chloroform-d	4.40	84	139384	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	71257	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.09	84	246840	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	79136	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	227917	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.66	79	28734	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.14	63	118605	51.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57579	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	76399	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	105420	4.628	ug/L 99
3) Chloromethane	1.25	50	133856	4.333	ug/L 99
5) Vinyl chloride	1.32	62	142412	4.482	ug/L 99
6) Bromomethane	1.54	94	84687	4.384	ug/L 95
8) Chloroethane	1.60	64	93697	4.437	ug/L 98
9) Trichlorofluoromethane	1.77	101	218635	4.518	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	122638	4.538	ug/L 100
12) 1,1-Dichloroethene	2.14	96	117450	4.546	ug/L 98
13) Acetone	2.23	43	216028	45.013	ug/L 97
14) Carbon disulfide	2.32	76	365564	4.440	ug/L 100
15) Methyl Acetate	2.47	43	54737	4.333	ug/L 99
16) Methylene chloride	2.53	84	120928	4.040	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	194826	4.663	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	93482	4.526	ug/L 98
19) 1,1-Dichloroethane	3.23	63	180222	4.568	ug/L 98
21) 2-Butanone	4.05	43	241793	47.792	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	93959	4.628	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	39151	4.495	ug/L	96
25) Chloroform	4.42	83	184804	4.327	ug/L	100
27) 1,2-Dichloroethane	5.18	62	116228	4.561	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	147985	4.728	ug/L	100
30) Cyclohexane	4.72	56	159321	4.899	ug/L	98
31) Carbon tetrachloride	4.87	117	131203	4.718	ug/L	98
33) Benzene	5.14	78	391105	4.921	ug/L	100
34) Trichloroethene	5.95	95	101629	4.731	ug/L	100
35) Methylcyclohexane	6.17	83	163766	5.105	ug/L	97
37) 1,2-Dichloropropane	6.22	63	98383	4.863	ug/L	99
38) Bromodichloromethane	6.55	83	123210	4.677	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	130308	4.913	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	615407	51.066	ug/L	99
42) Toluene	7.43	91	421055	5.023	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	101987	5.008	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	62286	4.548	ug/L	98
47) Tetrachloroethene	8.02	164	75528	4.823	ug/L	96
48) 2-Hexanone	8.19	43	452973	53.274	ug/L	99
49) Dibromochloromethane	8.29	129	74109	4.772	ug/L	99
50) 1,2-Dibromoethane	8.40	107	55952	4.663	ug/L	98
51) Chlorobenzene	8.92	112	253837	4.902	ug/L	96
52) Ethylbenzene	9.05	91	445794	5.021	ug/L	99
53) m,p-xylene	9.18	106	166010	5.136	ug/L	99
54) o-xylene	9.59	106	157677	5.143	ug/L	100
55) Styrene	9.60	104	267193	5.233	ug/L	96
56) Isopropylbenzene	9.97	105	429829	5.258	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	67207	4.691	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	54886	4.555	ug/L	99
61) Bromoform	9.77	173	35307	4.437	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	190212	4.830	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	189026	4.786	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	174014	4.734	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10159	4.115	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	129198	4.896	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	95589	4.947	ug/L	99
69) Naphthalene	13.55	128	136915	4.921	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	90175	4.997	ug/L	99

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

