

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072919\
 Data File : VV012065.D
 Acq On : 29 Jul 2019 16:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005001

Quant Time: Jul 30 08:50:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 30 08:46:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	131837	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	129483	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	71374	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35933	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.59	69	24992	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	67245	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.96	46	89845	53.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	4.40	84	83497	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.08	65	45247	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	171877	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	46134	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	169211	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	7.66	79	21077	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.13	63	72661	51.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.02%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	34581	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
66) 1,2-Dichlorobenzene-d4	11.67	152	65308	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	75812	5.046 ug/L	100
3) Chloromethane	1.25	50	40884	4.753 ug/L	100
5) Vinyl chloride	1.32	62	41499	4.716 ug/L	97
6) Bromomethane	1.54	94	25061	4.765 ug/L	98
8) Chloroethane	1.60	64	22427	4.690 ug/L	99
9) Trichlorofluoromethane	1.77	101	77266	5.133 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	31829	4.868 ug/L	99
12) 1,1-Dichloroethene	2.14	96	29869	4.932 ug/L	96
13) Acetone	2.23	43	46103	49.436 ug/L	98
14) Carbon disulfide	2.32	76	85285	5.043 ug/L	100
15) Methyl Acetate	2.47	43	9185	4.792 ug/L	99
16) Methylene chloride	2.54	84	29439	4.740 ug/L	93
17) Methyl tert-butyl Ether	2.81	73	97824	5.137 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	43933	5.034 ug/L	98
19) 1,1-Dichloroethane	3.23	63	79949	5.123 ug/L	98
21) 2-Butanone	4.05	43	92850	50.460 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	48488	5.218 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21049	5.164	ug/L	98
25) Chloroform	4.43	83	97576	4.986	ug/L	99
27) 1,2-Dichloroethane	5.18	62	56269	5.210	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	84661	5.289	ug/L	99
30) Cyclohexane	4.72	56	69701	5.091	ug/L	99
31) Carbon tetrachloride	4.87	117	76260	5.295	ug/L	98
33) Benzene	5.15	78	181668	5.165	ug/L	100
34) Trichloroethene	5.96	95	50365	5.021	ug/L	98
35) Methylcyclohexane	6.18	83	77004	4.900	ug/L	99
37) 1,2-Dichloropropane	6.22	63	42207	5.187	ug/L	99
38) Bromodichloromethane	6.56	83	60878	5.299	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	66957	5.247	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	239491	52.175	ug/L	99
42) Toluene	7.43	91	206089	5.270	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	54108	5.245	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	30884	4.976	ug/L	97
47) Tetrachloroethene	8.02	164	45846	5.230	ug/L	98
48) 2-Hexanone	8.19	43	168239	51.861	ug/L	100
49) Dibromochloromethane	8.29	129	41107	5.403	ug/L	95
50) 1,2-Dibromoethane	8.40	107	28783	4.962	ug/L	99
51) Chlorobenzene	8.93	112	133506	5.106	ug/L	99
52) Ethylbenzene	9.05	91	231040	5.177	ug/L	98
53) m,p-xylene	9.18	106	90083	5.303	ug/L	100
54) o-xylene	9.59	106	84343	5.246	ug/L	89
55) Styrene	9.60	104	146847	5.421	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.29	83	33963	5.099	ug/L	99
59) Bromoform	9.77	173	22896	5.307	ug/L	98
60) Isopropylbenzene	9.97	105	233972	5.131	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	26797	5.151	ug/L	96
62) 1,3,5-Trimethylbenzene	10.58	105	201703	5.357	ug/L	98
63) 1,2,4-Trimethylbenzene	10.96	105	200298	5.354	ug/L	97
64) 1,3-Dichlorobenzene	11.22	146	116872	5.143	ug/L	100
65) 1,4-Dichlorobenzene	11.32	146	115194	4.975	ug/L	100
67) 1,2-Dichlorobenzene	11.69	146	105636	5.116	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.48	75	5542	5.167	ug/L	87
69) 1,3,5-Trichlorobenzene	12.69	180	95153	5.065	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	74879	5.037	ug/L	99
71) Naphthalene	13.55	128	103426	5.014	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	68417	5.192	ug/L	97

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

