

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060419\
 Data File : VV011208.D
 Acq On : 04 Jun 2019 15:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Jun 05 01:37:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 15:14:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	214761	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	199249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67878	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	52485	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.13	63	136556	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.96	46	154602	42.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.40%
24) Chloroform-d	4.40	84	118625	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.08	65	62949	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.10	84	245939	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.12	67	74110	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.80%
41) Toluene-d8	7.36	98	227973	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.66	79	28629	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.14	63	121405	41.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50409	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	74215	4.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96231	4.543	ug/L 97
3) Chloromethane	1.25	50	86546	4.226	ug/L 100
5) Vinyl chloride	1.32	62	85264	4.315	ug/L 99
6) Bromomethane	1.53	94	44034	4.283	ug/L 97
8) Chloroethane	1.60	64	51606	4.087	ug/L 96
9) Trichlorofluoromethane	1.76	101	120527	4.444	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	61647	4.428	ug/L 98
12) 1,1-Dichloroethene	2.13	96	57188	4.226	ug/L 90
13) Acetone	2.22	43	106254	43.256	ug/L 98
14) Carbon disulfide	2.31	76	177568	4.326	ug/L 100
15) Methyl Acetate	2.47	43	27385	4.198	ug/L 99
16) Methylene chloride	2.53	84	60313	4.326	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	154830	4.286	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	68483	4.520	ug/L 98
19) 1,1-Dichloroethane	3.22	63	129536	4.335	ug/L 98
21) 2-Butanone	4.05	43	169625	44.840	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	71325	4.251	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	28044	4.360	ug/L	97
25) Chloroform	4.42	83	131147	4.249	ug/L	100
27) 1,2-Dichloroethane	5.18	62	82692	4.385	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	110802	4.360	ug/L	99
30) Cyclohexane	4.72	56	126293	4.482	ug/L	99
31) Carbon tetrachloride	4.87	117	92606	4.360	ug/L	99
33) Benzene	5.14	78	277357	4.375	ug/L	100
34) Trichloroethene	5.96	95	73266	4.473	ug/L	96
35) Methylcyclohexane	6.17	83	120839	4.461	ug/L	97
37) 1,2-Dichloropropane	6.22	63	67714	4.291	ug/L	100
38) Bromodichloromethane	6.56	83	85610	4.388	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	99830	4.324	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	443451	44.130	ug/L	99
42) Toluene	7.43	91	296974	4.395	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	75186	4.284	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	42446	4.202	ug/L	94
47) Tetrachloroethene	8.02	164	53704	4.537	ug/L	96
48) 2-Hexanone	8.19	43	307502	43.877	ug/L	100
49) Dibromochloromethane	8.29	129	49453	4.310	ug/L	97
50) 1,2-Dibromoethane	8.40	107	40353	4.203	ug/L	96
51) Chlorobenzene	8.92	112	177610	4.310	ug/L	99
52) Ethylbenzene	9.05	91	332119	4.426	ug/L	100
53) m,p-xylene	9.18	106	124290	4.479	ug/L	98
54) o-xylene	9.59	106	123038	4.518	ug/L	96
55) Styrene	9.60	104	196720	4.435	ug/L	97
56) Isopropylbenzene	9.97	105	324623	4.429	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	52336	4.274	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	37753	4.102	ug/L	100
61) Bromoform	9.77	173	23488	4.305	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	132617	4.415	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	131211	4.500	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	121725	4.385	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	8073	4.058	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	98373	4.553	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	73813	4.499	ug/L	97
69) Naphthalene	13.55	128	126444	4.709	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	67932	4.618	ug/L	98

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

