

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070219\
 Data File : VV011819.D
 Acq On : 02 Jul 2019 22:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Jul 03 08:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 08:28:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	166152	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159330	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	78578	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55930	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	45483	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	112333	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	3.94	46	149245	54.05	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.10%
24) Chloroform-d	4.40	84	113955	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.08	65	59732	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	218522	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	66926	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	203243	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	7.66	79	23090	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.13	63	115872	55.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48360	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	69833	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	82519	5.204	ug/L 98
3) Chloromethane	1.25	50	80783	5.122	ug/L 97
5) Vinyl chloride	1.32	62	77679	5.235	ug/L 98
6) Bromomethane	1.53	94	41470	5.331	ug/L 100
8) Chloroethane	1.60	64	45337	5.353	ug/L 97
9) Trichlorofluoromethane	1.77	101	105034	5.379	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56571	5.197	ug/L 99
12) 1,1-Dichloroethene	2.14	96	52428	5.214	ug/L 96
13) Acetone	2.19	43	95616	50.557	ug/L 99
14) Carbon disulfide	2.32	76	141647	5.240	ug/L 100
15) Methyl Acetate	2.46	43	24396	4.641	ug/L 93
16) Methylene chloride	2.53	84	57905	4.817	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	137790	5.262	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	58717	5.158	ug/L 95
19) 1,1-Dichloroethane	3.23	63	117513	5.210	ug/L 98
21) 2-Butanone	4.03	43	163823	53.033	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	64416	5.302	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	25553	5.063	ug/L	92
25) Chloroform	4.43	83	122063	5.050	ug/L	95
27) 1,2-Dichloroethane	5.18	62	77451	5.187	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	99598	5.326	ug/L	98
30) Cyclohexane	4.73	56	104384	5.230	ug/L	99
31) Carbon tetrachloride	4.88	117	86020	5.363	ug/L	98
33) Benzene	5.15	78	258305	5.446	ug/L	100
34) Trichloroethene	5.96	95	64412	5.219	ug/L	96
35) Methylcyclohexane	6.18	83	105192	5.208	ug/L	99
37) 1,2-Dichloropropane	6.22	63	64125	5.279	ug/L	100
38) Bromodichloromethane	6.56	83	75252	5.314	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	80537	4.971	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	407643	54.202	ug/L	99
42) Toluene	7.43	91	275245	5.493	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	65079	5.205	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	41990	5.388	ug/L	98
47) Tetrachloroethene	8.02	164	51174	5.269	ug/L	95
48) 2-Hexanone	8.18	43	291307	54.870	ug/L	100
49) Dibromochloromethane	8.29	129	44520	5.381	ug/L	94
50) 1,2-Dibromoethane	8.40	107	39299	5.430	ug/L	95
51) Chlorobenzene	8.92	112	170133	5.377	ug/L	98
52) Ethylbenzene	9.05	91	300413	5.393	ug/L	98
53) m,p-xylene	9.18	106	111781	5.487	ug/L	99
54) o-xylene	9.59	106	106656	5.433	ug/L	98
55) Styrene	9.60	104	181908	5.555	ug/L	99
56) Isopropylbenzene	9.97	105	289619	5.452	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	49641	5.202	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	36783	5.233	ug/L	96
61) Bromoform	9.77	173	21059	5.023	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	123847	5.095	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	129126	5.201	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	118780	5.173	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	7290	5.006	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	97921	5.206	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	79319	5.223	ug/L	99
69) Naphthalene	13.55	128	126391	5.226	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	73332	5.210	ug/L	98

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

