

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060419\
 Data File : VV011221.D
 Acq On : 04 Jun 2019 22:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00558

Quant Time: Jun 05 01:46:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 05 01:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	176742	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167613	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75622	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62376	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.56	69	49959	4.49	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	122437	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	3.94	46	164268	54.48	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.96%
24) Chloroform-d	4.40	84	111724	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	61682	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.09	84	227694	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	68956	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	210916	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	26996	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.13	63	137280	55.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54176	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71019	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	79216	4.545	ug/L	99
3) Chloromethane	1.25	50	81683	4.847	ug/L	98
5) Vinyl chloride	1.32	62	78930	4.854	ug/L #	80
6) Bromomethane	1.51	94	39387	4.656	ug/L	95
8) Chloroethane	1.58	64	54120	5.208	ug/L	97
9) Trichlorofluoromethane	1.76	101	102328	4.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	49958	4.360	ug/L	98
12) 1,1-Dichloroethene	2.13	96	50477	4.533	ug/L	96
13) Acetone	2.19	43	108762	53.801	ug/L	99
14) Carbon disulfide	2.31	76	152838	4.525	ug/L	99
15) Methyl Acetate	2.46	43	27157	5.058	ug/L	97
16) Methylene chloride	2.53	84	56839	4.954	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	148422	4.993	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	58258	4.673	ug/L	99
19) 1,1-Dichloroethane	3.22	63	116078	4.720	ug/L	99
21) 2-Butanone	4.02	43	174780	56.141	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	64163	4.647	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	25874	4.888	ug/L	93
25) Chloroform	4.42	83	118938	4.683	ug/L	98
27) 1,2-Dichloroethane	5.18	62	76208	4.910	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	93675	4.382	ug/L	99
30) Cyclohexane	4.72	56	98253	4.145	ug/L	99
31) Carbon tetrachloride	4.87	117	78867	4.414	ug/L	97
33) Benzene	5.14	78	246756	4.627	ug/L	100
34) Trichloroethene	5.96	95	64036	4.648	ug/L	98
35) Methylcyclohexane	6.17	83	89816	3.942	ug/L	100
37) 1,2-Dichloropropane	6.22	63	62812	4.732	ug/L	99
38) Bromodichloromethane	6.55	83	77082	4.697	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	86254	4.441	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	467872	55.348	ug/L	99
42) Toluene	7.43	91	264631	4.655	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	68665	4.650	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	42543	5.007	ug/L	93
47) Tetrachloroethene	8.02	164	44113	4.430	ug/L	97
48) 2-Hexanone	8.18	43	330977	56.140	ug/L	99
49) Dibromochloromethane	8.29	129	46379	4.805	ug/L	99
50) 1,2-Dibromoethane	8.40	107	40235	4.981	ug/L	99
51) Chlorobenzene	8.92	112	162412	4.685	ug/L	99
52) Ethylbenzene	9.05	91	291025	4.610	ug/L	99
53) m,p-xylene	9.18	106	107344	4.598	ug/L	100
54) o-xylene	9.59	106	110952	4.843	ug/L	94
55) Styrene	9.60	104	179452	4.809	ug/L	99
56) Isopropylbenzene	9.97	105	278982	4.524	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	54002	5.242	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	41165	5.317	ug/L	97
61) Bromoform	9.77	173	22686	4.994	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	117568	4.702	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	114108	4.701	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	112479	4.866	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8237	4.973	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	83355	4.633	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	62912	4.606	ug/L	96
69) Naphthalene	13.55	128	113500	5.077	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	59534	4.861	ug/L	98

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

