

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060819\
 Data File : VV011342.D
 Acq On : 09 Jun 2019 02:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00536

Quant Time: Jun 09 04:15:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133729	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57032	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46985	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.55	69	38198	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.12	63	97447	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.94	46	122421	53.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	4.40	84	91557	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.08	65	51188	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.09	84	176899	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.11	67	53872	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	166840	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.66	79	18442	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.13	63	98467	52.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41205	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	55777	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	65091	4.935	ug/L 100
3) Chloromethane	1.25	50	62048	4.866	ug/L 100
5) Vinyl chloride	1.32	62	65573	5.330	ug/L 100
6) Bromomethane	1.51	94	29361	4.587	ug/L 95
8) Chloroethane	1.57	64	40893	5.201	ug/L 98
9) Trichlorofluoromethane	1.75	101	91732	5.431	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	47117	5.435	ug/L 98
12) 1,1-Dichloroethene	2.13	96	43866	5.206	ug/L 100
13) Acetone	2.19	43	91137	59.583	ug/L 96
14) Carbon disulfide	2.31	76	119011	4.656	ug/L 100
15) Methyl Acetate	2.46	43	22856	5.626	ug/L 95
16) Methylene chloride	2.53	84	46331	5.337	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	122520	5.447	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	46457	4.925	ug/L 91
19) 1,1-Dichloroethane	3.22	63	96986	5.212	ug/L 99
21) 2-Butanone	4.03	43	136840	58.092	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	53004	5.074	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	19885	4.965	ug/L	93
25) Chloroform	4.42	83	104001	5.412	ug/L	96
27) 1,2-Dichloroethane	5.18	62	63495	5.407	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	79504	4.930	ug/L	99
30) Cyclohexane	4.71	56	86669	4.847	ug/L	100
31) Carbon tetrachloride	4.87	117	63480	4.710	ug/L	100
33) Benzene	5.14	78	205514	5.108	ug/L	100
34) Trichloroethene	5.96	95	52880	5.088	ug/L	95
35) Methylcyclohexane	6.17	83	81825	4.760	ug/L	99
37) 1,2-Dichloropropane	6.22	63	49477	4.941	ug/L	100
38) Bromodichloromethane	6.55	83	60968	4.925	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	61883	4.224	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	348481	54.647	ug/L	99
42) Toluene	7.43	91	223047	5.201	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	49130	4.411	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	32485	5.068	ug/L	94
47) Tetrachloroethene	8.01	164	38087	5.070	ug/L	95
48) 2-Hexanone	8.18	43	248740	55.929	ug/L	97
49) Dibromochloromethane	8.29	129	33736	4.633	ug/L	98
50) 1,2-Dibromoethane	8.40	107	30989	5.086	ug/L	99
51) Chlorobenzene	8.92	112	137048	5.241	ug/L	99
52) Ethylbenzene	9.05	91	247238	5.192	ug/L	98
53) m,p-xylene	9.18	106	88802	5.042	ug/L	97
54) o-xylene	9.59	106	90744	5.250	ug/L	99
55) Styrene	9.60	104	146961	5.221	ug/L	100
56) Isopropylbenzene	9.97	105	237683	5.110	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	43381	5.582	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	31590	5.409	ug/L	96
61) Bromoform	9.77	173	15289	4.463	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	96031	5.092	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	93399	5.102	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	90680	5.202	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	5347	4.281	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	66811	4.924	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	50383	4.891	ug/L	96
69) Naphthalene	13.55	128	88643	5.257	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	47789	5.174	ug/L	96

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

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