

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091019\
 Data File : VV012648.D
 Acq On : 10 Sep 2019 10:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Quant Time: Sep 11 05:21:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	455098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	437640	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	225461	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117969	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.58	69	104964	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.13	63	213751	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.96	46	341652	45.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.98%
24) Chloroform-d	4.40	84	243119	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	116257	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.09	84	448728	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.12	67	144254	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.36	98	409627	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.66	79	50618	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.13	63	204890	47.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108629	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	159603	4.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	194062	5.056	ug/L 99
3) Chloromethane	1.25	50	187254	4.832	ug/L 100
5) Vinyl chloride	1.32	62	192355	4.864	ug/L 98
6) Bromomethane	1.53	94	104441	4.817	ug/L 99
8) Chloroethane	1.60	64	113804	4.867	ug/L 98
9) Trichlorofluoromethane	1.77	101	253184	5.103	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	150717	5.078	ug/L 99
12) 1,1-Dichloroethene	2.14	96	139545	4.936	ug/L 92
13) Acetone	2.23	43	223781	51.393	ug/L 96
14) Carbon disulfide	2.31	76	368387	4.845	ug/L 99
15) Methyl Acetate	2.47	43	57145	4.878	ug/L 99
16) Methylene chloride	2.53	84	149881	4.337	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	331624	5.000	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	159261	5.011	ug/L 98
19) 1,1-Dichloroethane	3.22	63	301769	5.044	ug/L 98
21) 2-Butanone	4.05	43	399091	53.447	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	168709	4.886	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	73083	4.953	ug/L	98
25) Chloroform	4.42	83	308246	4.678	ug/L	99
27) 1,2-Dichloroethane	5.18	62	170813	4.945	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	243055	5.046	ug/L	98
30) Cyclohexane	4.72	56	247227	5.155	ug/L	99
31) Carbon tetrachloride	4.87	117	217784	5.133	ug/L	98
33) Benzene	5.14	78	663907	5.190	ug/L	100
34) Trichloroethene	5.95	95	175575	4.967	ug/L	99
35) Methylcyclohexane	6.17	83	260370	5.212	ug/L	99
37) 1,2-Dichloropropane	6.22	63	163825	5.143	ug/L	100
38) Bromodichloromethane	6.55	83	205582	4.983	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	214674	5.136	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	950656	53.829	ug/L	99
42) Toluene	7.43	91	705212	5.307	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	164294	5.213	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	114631	5.166	ug/L	98
47) Tetrachloroethene	8.02	164	139300	5.021	ug/L	97
48) 2-Hexanone	8.19	43	702686	55.606	ug/L	99
49) Dibromochloromethane	8.29	129	132927	5.037	ug/L	97
50) 1,2-Dibromoethane	8.40	107	100016	5.086	ug/L	100
51) Chlorobenzene	8.92	112	446625	5.113	ug/L	99
52) Ethylbenzene	9.05	91	745980	5.220	ug/L	99
53) m,p-xylene	9.18	106	284612	5.268	ug/L	99
54) o-xylene	9.59	106	273997	5.295	ug/L	97
55) Styrene	9.60	104	472853	5.495	ug/L	100
56) Isopropylbenzene	9.97	105	736764	5.375	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	114046	5.156	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	94557	5.032	ug/L	98
61) Bromoform	9.77	173	69969	4.655	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	358114	5.127	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	357910	5.076	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	325560	4.950	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	16590	4.841	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	263888	4.988	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	203578	4.861	ug/L	99
69) Naphthalene	13.55	128	296409	4.681	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	198731	5.032	ug/L	98

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

