

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102619\
 Data File : VV013383.D
 Acq On : 26 Oct 2019 19:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00558

Quant Time: Oct 29 12:45:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 00:57:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	532615	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	571802	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	365267	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	187709	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.59	69	157906	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	305368	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.95	46	415506	55.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.20%
24) Chloroform-d	4.40	84	394760	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.08	65	183885	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.10	84	823087	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	237828	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.36	98	791311	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	84635	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.13	63	295556	39.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	162552	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	305417	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	225388	3.828 ug/L	100
3) Chloromethane	1.25	50	196004	3.836 ug/L	99
5) Vinyl chloride	1.32	62	200356	3.898 ug/L	97
6) Bromomethane	1.54	94	118374	4.088 ug/L	100
8) Chloroethane	1.60	64	119452	3.900 ug/L	97
9) Trichlorofluoromethane	1.77	101	292469	3.932 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	177459	4.038 ug/L	98
12) 1,1-Dichloroethene	2.14	96	165958	3.963 ug/L	92
13) Acetone	2.22	43	194017	49.761 ug/L #	45
14) Carbon disulfide	2.32	76	451194	3.753 ug/L	100
15) Methyl Acetate	2.47	43	72127	5.470 ug/L	100
16) Methylene chloride	2.53	84	227375	3.613 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	435275	4.488 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	224263	4.543 ug/L	95
19) 1,1-Dichloroethane	3.23	63	389465	4.854 ug/L	96
21) 2-Butanone	4.04	43	439780	50.387 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	234075	4.430 ug/L #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	107302	4.279	ug/L	92
25) Chloroform	4.42	83	423764	4.051	ug/L	98
27) 1,2-Dichloroethane	5.18	62	221993	3.974	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	343671	4.066	ug/L	99
30) Cyclohexane	4.73	56	327789	3.736	ug/L	98
31) Carbon tetrachloride	4.87	117	318887	4.206	ug/L	100
33) Benzene	5.14	78	898122	4.113	ug/L	100
34) Trichloroethene	5.96	95	240004	4.097	ug/L	95
35) Methylcyclohexane	6.18	83	351007	3.894	ug/L	96
37) 1,2-Dichloropropane	6.22	63	215317	4.060	ug/L	99
38) Bromodichloromethane	6.55	83	274572	4.000	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	290318	3.886	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1074205	39.621	ug/L	95
42) Toluene	7.43	91	982043	4.283	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	222777	3.937	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	155707	4.206	ug/L	98
47) Tetrachloroethene	8.02	164	229992	4.323	ug/L	98
48) 2-Hexanone	8.18	43	774688	40.027	ug/L	97
49) Dibromochloromethane	8.29	129	196577	4.215	ug/L	99
50) 1,2-Dibromoethane	8.39	107	141580	4.013	ug/L	99
51) Chlorobenzene	8.92	112	640102	4.265	ug/L	98
52) Ethylbenzene	9.05	91	1025024	4.288	ug/L	100
53) m,p-xylene	9.18	106	411940	4.502	ug/L	98
54) o-xylene	9.58	106	383798	4.418	ug/L	100
55) Styrene	9.60	104	674283	4.567	ug/L	98
56) Isopropylbenzene	9.97	105	1032122	4.505	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	161925	3.805	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	124823	3.946	ug/L	97
61) Bromoform	9.77	173	111946	4.020	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	558624	4.343	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	548373	4.210	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	495259	4.180	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	22268	3.310	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.69	180	396789	4.172	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	342052	4.111	ug/L	100
69) Naphthalene	13.55	128	438685	3.822	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	322256	4.171	ug/L	99

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

