

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012281.D
 Acq On : 19 Aug 2019 16:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Aug 20 02:31:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 19 19:08:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126374	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117113	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31298	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	22666	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	56328	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	3.96	46	85192	48.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	4.40	84	84540	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	44002	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.09	84	150709	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	40543	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	139703	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	18524	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.14	63	60802	51.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30910	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	60703	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	89585	5.936	ug/L 99
3) Chloromethane	1.25	50	49909	6.323	ug/L 100
5) Vinyl chloride	1.32	62	47037	5.662	ug/L 97
6) Bromomethane	1.54	94	25210	5.886	ug/L 93
8) Chloroethane	1.60	64	22287	5.383	ug/L 99
9) Trichlorofluoromethane	1.77	101	81663	5.462	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35422	5.487	ug/L 98
12) 1,1-Dichloroethene	2.14	96	31275	5.392	ug/L 93
13) Acetone	2.23	43	47574	52.240	ug/L 88
14) Carbon disulfide	2.32	76	83066	5.159	ug/L 95
15) Methyl Acetate	2.47	43	9277	5.137	ug/L 98
16) Methylene chloride	2.53	84	29893	4.950	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	107688	5.821	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	46722	5.503	ug/L 99
19) 1,1-Dichloroethane	3.22	63	81745	5.614	ug/L 99
21) 2-Butanone	4.05	43	93102	53.881	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	49793	5.450	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	23152	5.549	ug/L	94
25) Chloroform	4.42	83	94535	5.189	ug/L	99
27) 1,2-Dichloroethane	5.18	62	57101	5.499	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	90647	5.786	ug/L	99
30) Cyclohexane	4.72	56	67616	5.765	ug/L	98
31) Carbon tetrachloride	4.87	117	83812	5.732	ug/L	100
33) Benzene	5.14	78	182919	5.647	ug/L	100
34) Trichloroethene	5.96	95	52435	5.519	ug/L	96
35) Methylcyclohexane	6.17	83	79881	5.616	ug/L	98
37) 1,2-Dichloropropane	6.22	63	39619	5.227	ug/L	98
38) Bromodichloromethane	6.55	83	64965	5.673	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	66146	5.497	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	225089	56.556	ug/L	98
42) Toluene	7.43	91	201927	5.632	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	53768	5.596	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	31886	5.483	ug/L	97
47) Tetrachloroethene	8.02	164	48613	5.545	ug/L	99
48) 2-Hexanone	8.19	43	164084	57.279	ug/L	99
49) Dibromochloromethane	8.29	129	44993	5.695	ug/L	98
50) 1,2-Dibromoethane	8.40	107	30749	5.597	ug/L	98
51) Chlorobenzene	8.92	112	136381	5.575	ug/L	99
52) Ethylbenzene	9.05	91	228232	5.689	ug/L	97
53) m,p-xylene	9.18	106	91171	5.821	ug/L	92
54) o-xylene	9.59	106	86955	5.773	ug/L	99
55) Styrene	9.60	104	145357	5.713	ug/L	98
56) Isopropylbenzene	9.97	105	241407	5.806	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	32048	5.394	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	26203	5.577	ug/L	98
61) Bromoform	9.77	173	26398	6.068	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	121288	5.690	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	118202	5.575	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	108734	5.559	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	6055	5.925	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	100120	5.726	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	76561	5.922	ug/L	100
69) Naphthalene	13.55	128	105885	6.021	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	71039	5.939	ug/L	98

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

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