

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111119\
 Data File : VV013581.D
 Acq On : 11 Nov 2019 16:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Quant Time: Nov 12 07:47:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 12 07:44:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	421782	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	414766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	236678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	72798	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.58	69	69308	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.13	63	156662	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	3.96	46	362779	56.93	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.86%
24) Chloroform-d	4.40	84	215388	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	123761	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.09	84	395604	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.11	67	135430	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	343907	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.66	79	56104	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.13	63	281811	64.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	125653	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	180153	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	193953	4.700	ug/L 99
3) Chloromethane	1.25	50	172336	4.672	ug/L 97
5) Vinyl chloride	1.32	62	163561	4.607	ug/L 98
6) Bromomethane	1.53	94	84302	4.509	ug/L 96
8) Chloroethane	1.60	64	86100	4.392	ug/L 96
9) Trichlorofluoromethane	1.76	101	230879	4.831	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	127185	4.748	ug/L 99
12) 1,1-Dichloroethene	2.13	96	123002	4.849	ug/L 94
13) Acetone	2.22	43	216511	56.002	ug/L 93
14) Carbon disulfide	2.31	76	409167	5.367	ug/L 99
15) Methyl Acetate	2.47	43	63581	5.500	ug/L 93
16) Methylene chloride	2.53	84	154039	4.636	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	331278	4.943	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	147866	4.698	ug/L 98
19) 1,1-Dichloroethane	3.23	63	279039	4.751	ug/L 97
21) 2-Butanone	4.04	43	399820	56.539	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	154869	4.771	ug/L # 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	74173	4.935	ug/L	96
25) Chloroform	4.42	83	322389	5.034	ug/L	94
27) 1,2-Dichloroethane	5.18	62	170689	4.936	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	241609	4.698	ug/L	99
30) Cyclohexane	4.72	56	235417	4.549	ug/L	98
31) Carbon tetrachloride	4.87	117	216942	4.704	ug/L	99
33) Benzene	5.14	78	609452	4.729	ug/L	100
34) Trichloroethene	5.96	95	159469	4.589	ug/L	98
35) Methylcyclohexane	6.17	83	239841	4.541	ug/L	98
37) 1,2-Dichloropropane	6.22	63	149423	4.714	ug/L	99
38) Bromodichloromethane	6.55	83	191952	4.691	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	208431	4.733	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	980627	53.786	ug/L	99
42) Toluene	7.43	91	654034	4.880	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	171751	4.960	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	108003	4.958	ug/L	99
47) Tetrachloroethene	8.01	164	147591	4.858	ug/L	98
48) 2-Hexanone	8.18	43	733887	56.851	ug/L	99
49) Dibromochloromethane	8.29	129	136030	5.006	ug/L	96
50) 1,2-Dibromoethane	8.39	107	102257	5.027	ug/L	99
51) Chlorobenzene	8.92	112	423721	4.792	ug/L	98
52) Ethylbenzene	9.05	91	693100	4.827	ug/L	98
53) m,p-xylene	9.18	106	265423	4.956	ug/L	99
54) o-xylene	9.58	106	256602	4.988	ug/L	98
55) Styrene	9.60	104	453361	5.197	ug/L	98
56) Isopropylbenzene	9.97	105	688634	4.958	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	119096	5.121	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	94548	5.025	ug/L	100
61) Bromoform	9.77	173	82059	4.892	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	362931	4.571	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	366140	4.616	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	331718	4.567	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	17544	4.743	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	284510	4.593	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	223072	4.520	ug/L	98
69) Naphthalene	13.55	128	310080	4.652	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	215928	4.661	ug/L	100

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

