

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
 Data File : VV012543.D
 Acq On : 02 Sep 2019 21:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: Sep 03 05:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 05:44:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142757	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71480	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70078	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	68655	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.14	63	174945	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.40%
20) 2-Butanone-d5	3.97	46	139091	52.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.30%
24) Chloroform-d	4.40	84	110423	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.08	65	57901	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.10	84	204140	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	65742	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	192891	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.66	79	22380	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	92599	53.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46521	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	62662	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	93845	5.133	ug/L	98
3) Chloromethane	1.25	50	117646	5.434	ug/L	97
5) Vinyl chloride	1.32	62	121856	5.188	ug/L	99
6) Bromomethane	1.54	94	67849	4.858	ug/L	100
8) Chloroethane	1.60	64	82346	5.114	ug/L	97
9) Trichlorofluoromethane	1.77	101	188867	5.245	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	103330	5.143	ug/L	98
12) 1,1-Dichloroethene	2.14	96	97464	5.278	ug/L	99
13) Acetone	2.23	43	190882	50.914	ug/L	99
14) Carbon disulfide	2.32	76	300193	5.056	ug/L	99
15) Methyl Acetate	2.47	43	50220	5.527	ug/L	100
16) Methylene chloride	2.53	84	111755	5.259	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	164802	5.254	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	74541	5.049	ug/L	98
19) 1,1-Dichloroethane	3.23	63	149927	5.276	ug/L	99
21) 2-Butanone	4.05	43	195050	54.374	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	75703	4.961	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	32950	5.407	ug/L	96
25) Chloroform	4.43	83	152409	5.118	ug/L	98
27) 1,2-Dichloroethane	5.18	62	96012	5.537	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	122171	5.133	ug/L	97
30) Cyclohexane	4.72	56	123022	5.010	ug/L	99
31) Carbon tetrachloride	4.87	117	102533	4.955	ug/L	100
33) Benzene	5.15	78	315173	5.345	ug/L	100
34) Trichloroethene	5.96	95	80245	4.911	ug/L	97
35) Methylcyclohexane	6.17	83	121728	4.902	ug/L	100
37) 1,2-Dichloropropane	6.22	63	80037	5.072	ug/L	99
38) Bromodichloromethane	6.55	83	102166	5.121	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	100963	4.920	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	512007	55.849	ug/L	99
42) Toluene	7.43	91	343059	5.352	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	81842	5.033	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	53161	5.329	ug/L	97
47) Tetrachloroethene	8.02	164	56632	4.797	ug/L	92
48) 2-Hexanone	8.19	43	353489	55.020	ug/L	97
49) Dibromochloromethane	8.29	129	59410	5.115	ug/L	98
50) 1,2-Dibromoethane	8.40	107	46863	5.264	ug/L	97
51) Chlorobenzene	8.92	112	202452	5.028	ug/L	99
52) Ethylbenzene	9.05	91	364105	5.207	ug/L	99
53) m,p-xylene	9.18	106	132489	5.224	ug/L	98
54) o-xylene	9.59	106	126300	5.278	ug/L	100
55) Styrene	9.60	104	223220	5.483	ug/L	98
56) Isopropylbenzene	9.97	105	347118	5.241	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	60805	5.416	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	45782	5.206	ug/L	100
61) Bromoform	9.77	173	29006	4.993	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	152968	4.957	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	154712	4.870	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	144163	5.097	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	8950	4.695	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	107496	4.713	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	80131	4.878	ug/L	99
69) Naphthalene	13.55	128	116198	4.770	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	76507	5.145	ug/L	97

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

