

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010540.D
 Acq On : 27 Apr 2019 09:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00550

Quant Time: Apr 29 02:02:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 29 01:58:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222379	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	219487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55815	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.57	69	36669	6.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.60%
11) 1,1-Dichloroethene-d2	2.13	63	99067	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.94	46	128373	46.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.04%
24) Chloroform-d	4.40	84	140789	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	67896	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	290311	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	76803	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	290954	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
43) trans-1,3-Dichloropropene-	7.66	79	28635	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.13	63	118187	47.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61145	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	117048	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	93841	5.257 ug/L	98
3) Chloromethane	1.26	50	67353	5.691 ug/L	100
5) Vinyl chloride	1.33	62	66849	5.399 ug/L	96
6) Bromomethane	1.51	94	28664	5.347 ug/L	94
8) Chloroethane	1.59	64	31757	6.369 ug/L	95
9) Trichlorofluoromethane	1.76	101	129364	5.331 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56659	4.707 ug/L	96
12) 1,1-Dichloroethene	2.14	96	51637	4.809 ug/L	92
13) Acetone	2.19	43	63786	45.898 ug/L	95
14) Carbon disulfide	2.31	76	134399	4.958 ug/L	99
15) Methyl Acetate	2.46	43	21773	4.722 ug/L	97
16) Methylene chloride	2.53	84	80557	4.961 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	159548	5.131 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	79551	5.186 ug/L	94
19) 1,1-Dichloroethane	3.23	63	132982	5.257 ug/L	96
21) 2-Butanone	4.02	43	138784	48.316 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	87730	5.298 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	40645	5.251	ug/L	93
25) Chloroform	4.43	83	164002	5.716	ug/L	100
27) 1,2-Dichloroethane	5.18	62	84039	5.144	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	140969	5.484	ug/L	100
30) Cyclohexane	4.72	56	100167	5.376	ug/L	99
31) Carbon tetrachloride	4.87	117	131065	5.332	ug/L	98
33) Benzene	5.15	78	304675	5.365	ug/L	100
34) Trichloroethene	5.96	95	89109	5.391	ug/L	96
35) Methylcyclohexane	6.18	83	111430	5.195	ug/L	95
37) 1,2-Dichloropropane	6.22	63	66171	5.055	ug/L #	96
38) Bromodichloromethane	6.55	83	98309	5.230	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	93342	4.938	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	353093	50.856	ug/L	99
42) Toluene	7.43	91	343996	5.519	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	74768	5.031	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	57613	5.191	ug/L	97
47) Tetrachloroethene	8.02	164	86845	5.625	ug/L	98
48) 2-Hexanone	8.18	43	251734	51.965	ug/L	96
49) Dibromochloromethane	8.29	129	73366	5.376	ug/L	98
50) 1,2-Dibromoethane	8.40	107	54508	5.317	ug/L	97
51) Chlorobenzene	8.93	112	241908	5.528	ug/L	98
52) Ethylbenzene	9.05	91	369066	5.619	ug/L	100
53) m,p-xylene	9.18	106	150222	5.823	ug/L	97
54) o-xylene	9.59	106	145119	5.753	ug/L	97
55) Styrene	9.60	104	244318	5.856	ug/L	100
56) Isopropylbenzene	9.97	105	360353	5.450	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	61351	5.068	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	43062	5.136	ug/L	100
61) Bromoform	9.77	173	38462	5.256	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	190941	5.498	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	189360	5.317	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	189069	5.528	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8526	4.513	ug/L #	84
67) 1,3,5-Trichlorobenzene	12.69	180	155201	5.329	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	114988	5.174	ug/L	99
69) Naphthalene	13.55	128	156755	4.742	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	113233	5.122	ug/L	100

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

