

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007097.D
 Acq On : 21 Aug 2018 03:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00567

Quant Time: Aug 21 05:51:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	249021	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113337	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75629	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	70530	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.13	63	156407	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	3.97	46	280141	60.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.20%
24) Chloroform-d	4.40	84	188722	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.09	65	94175	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.10	84	350635	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	119758	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.36	98	316996	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
43) trans-1,3-Dichloropropene-	7.67	79	37715	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.15	63	143528	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97155	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	108522	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	115033	4.74 ug/L	99
3) Chloromethane	1.25	50	122458	5.25 ug/L	97
5) Vinyl chloride	1.32	62	119023	4.93 ug/L	99
6) Bromomethane	1.54	94	35484	6.78 ug/L	97
8) Chloroethane	1.60	64	70811	4.84 ug/L	98
9) Trichlorofluoromethane	1.77	101	158693	5.17 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	96324	5.23 ug/L	98
12) 1,1-Dichloroethene	2.14	96	93743	5.24 ug/L	96
13) Acetone	2.21	43	145002	60.92 ug/L	100
14) Carbon disulfide	2.32	76	263855	4.47 ug/L	100
15) Methyl Acetate	2.47	43	36617	5.47 ug/L	98
16) Methylene chloride	2.54	84	101180	4.69 ug/L	98
17) Methyl tert-butyl Ether	2.82	73	235326	5.49 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	98811	5.16 ug/L	98
19) 1,1-Dichloroethane	3.23	63	184584	5.34 ug/L	99
21) 2-Butanone	4.06	43	298269	57.71 ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	110397	5.08 ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007097.D
 Acq On : 21 Aug 2018 03:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00567

Quant Time: Aug 21 05:51:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	50249	5.67	ug/L	88
25) Chloroform	4.43	83	200908	5.31	ug/L	99
27) 1,2-Dichloroethane	5.19	62	122872	5.21	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	171669	5.22	ug/L	99
30) Cyclohexane	4.73	56	150201	4.39	ug/L	97
31) Carbon tetrachloride	4.88	117	141264	5.12	ug/L	98
33) Benzene	5.15	78	434995	5.09	ug/L	100
34) Trichloroethene	5.96	95	104674	5.11	ug/L	97
35) Methylcyclohexane	6.18	83	151081	4.60	ug/L	98
37) 1,2-Dichloropropane	6.23	63	116673	4.99	ug/L	98
38) Bromodichloromethane	6.56	83	138243	5.20	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	130156	4.61	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	660679	52.32	ug/L	96
42) Toluene	7.44	91	441336	5.38	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	111269	4.80	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	82752	5.44	ug/L	97
47) Tetrachloroethene	8.02	164	87383	5.26	ug/L	95
48) 2-Hexanone	8.20	43	525679	59.03	ug/L	94
49) Dibromochloromethane	8.30	129	89457	5.61	ug/L	98
50) 1,2-Dibromoethane	8.40	107	71722	5.58	ug/L #	97
51) Chlorobenzene	8.93	112	272614	5.21	ug/L	99
52) Ethylbenzene	9.06	91	411916	5.03	ug/L	100
53) m,p-xylene	9.19	106	156712	5.13	ug/L	98
54) o-xylene	9.59	106	148090	5.12	ug/L	99
55) Styrene	9.61	104	251335	5.15	ug/L	99
56) Isopropylbenzene	9.98	105	391424	5.15	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	99679	5.39	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	72126	5.51	ug/L	97
61) Bromoform	9.78	173	48903	5.70	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	192377	5.25	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	198829	5.29	ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	193493	5.36	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	11793	4.60	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	141387	5.09	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	100001	4.91	ug/L	99
69) Naphthalene	13.56	128	135837	4.64	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	98751	5.03	ug/L	99

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

