

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014152.D
 Acq On : 20 Dec 2019 15:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Quant Time: Dec 21 02:35:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 21 02:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	377014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	371692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	202450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117265	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	102513	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.13	63	198985	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	3.95	46	269956	55.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.30%
24) Chloroform-d	4.40	84	239804	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.08	65	116121	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	459039	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.11	67	139721	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.35	98	424716	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.66	79	52238	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.13	63	197079	48.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.06%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	101364	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	157614	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	117131	4.665 ug/L	98
3) Chloromethane	1.25	50	109492	4.965 ug/L	97
5) Vinyl chloride	1.32	62	109824	4.876 ug/L	99
6) Bromomethane	1.53	94	58247	4.911 ug/L	99
8) Chloroethane	1.60	64	70035	5.160 ug/L	98
9) Trichlorofluoromethane	1.77	101	175170	5.009 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	101625	4.890 ug/L	98
12) 1,1-Dichloroethene	2.14	96	86757	4.786 ug/L	92
13) Acetone	2.21	43	186902	55.097 ug/L #	62
14) Carbon disulfide	2.32	76	197882	4.729 ug/L	99
15) Methyl Acetate	2.47	43	45862	6.039 ug/L	94
16) Methylene chloride	2.53	84	126749	5.105 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	252109	5.082 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	100772	4.923 ug/L	95
19) 1,1-Dichloroethane	3.23	63	222710	5.450 ug/L	98
21) 2-Butanone	4.03	43	277620	54.143 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	118543	4.939 ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014152.D
 Acq On : 20 Dec 2019 15:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Quant Time: Dec 21 02:35:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 21 02:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	54336	5.152	ug/L	95
25) Chloroform	4.42	83	234944	5.423	ug/L	100
27) 1,2-Dichloroethane	5.18	62	131814	5.317	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	194069	5.104	ug/L	100
30) Cyclohexane	4.72	56	146129	4.600	ug/L	98
31) Carbon tetrachloride	4.87	117	165709	4.954	ug/L	98
33) Benzene	5.14	78	456602	5.008	ug/L	100
34) Trichloroethene	5.95	95	114474	4.551	ug/L	97
35) Methylcyclohexane	6.17	83	149272	4.448	ug/L	95
37) 1,2-Dichloropropane	6.22	63	119094	5.082	ug/L	99
38) Bromodichloromethane	6.55	83	158669	5.132	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	154239	4.639	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	702762	51.399	ug/L	97
42) Toluene	7.43	91	470993	4.816	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	126940	4.877	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	85474	5.118	ug/L	99
47) Tetrachloroethene	8.01	164	102395	4.688	ug/L	96
48) 2-Hexanone	8.18	43	503423	51.583	ug/L	99
49) Dibromochloromethane	8.29	129	105322	4.917	ug/L	97
50) 1,2-Dibromoethane	8.39	107	73992	4.893	ug/L	98
51) Chlorobenzene	8.92	112	324426	4.768	ug/L	96
52) Ethylbenzene	9.05	91	517174	4.868	ug/L	97
53) m,p-xylene	9.18	106	200905	4.960	ug/L	100
54) o-xylene	9.58	106	191741	4.849	ug/L	99
55) Styrene	9.60	104	347231	5.086	ug/L	98
56) Isopropylbenzene	9.97	105	528877	4.908	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	104733	5.708	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	75036	5.217	ug/L	97
61) Bromoform	9.77	173	63748	5.003	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	283060	4.813	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	278587	4.654	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	261639	4.793	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	13671	4.310	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	229091	4.611	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	177327	4.352	ug/L	99
69) Naphthalene	13.55	128	212408	3.829	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	169160	4.558	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
Data File : VV014152.D
Acq On : 20 Dec 2019 15:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00560

Quant Time: Dec 21 02:35:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration

