

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015651.D
 Acq On : 23 Apr 2020 10:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00559

Quant Time: Apr 24 03:23:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 11:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130158	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125490	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64147	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34229	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.57	69	32223	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.12	63	75550	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	3.94	46	112298	51.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	4.37	84	80818	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.05	65	45162	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.07	84	147994	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.09	67	46769	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.33	98	142644	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.64	79	17771	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.11	63	90291	50.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34655	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	52616	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	58234	5.224	ug/L 98
3) Chloromethane	1.24	50	47137	4.887	ug/L 100
5) Vinyl chloride	1.32	62	51239	4.974	ug/L 100
6) Bromomethane	1.53	94	17852	4.036	ug/L 96
8) Chloroethane	1.59	64	32836	4.854	ug/L 98
9) Trichlorofluoromethane	1.76	101	74523	5.155	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42328	5.176	ug/L 97
12) 1,1-Dichloroethene	2.13	96	38929	5.139	ug/L 97
13) Acetone	2.23	43	80513	53.089	ug/L 100
14) Carbon disulfide	2.30	76	107500	5.020	ug/L 100
15) Methyl Acetate	2.46	43	18148	5.032	ug/L 96
16) Methylene chloride	2.52	84	43521	4.653	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	107658	5.063	ug/L 99
18) trans-1,2-Dichloroethene	2.77	96	43292	5.104	ug/L 99
19) 1,1-Dichloroethane	3.21	63	86100	5.170	ug/L 98
21) 2-Butanone	4.02	43	120620	51.563	ug/L 96
22) cis-1,2-Dichloroethene	3.93	96	46683	4.978	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015651.D
 Acq On : 23 Apr 2020 10:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00559

Quant Time: Apr 24 03:23:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 11:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	19764	5.159	ug/L	98
25) Chloroform	4.40	83	89872	5.083	ug/L	98
27) 1,2-Dichloroethane	5.15	62	57245	4.928	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	80615	5.066	ug/L	99
30) Cyclohexane	4.70	56	75565	4.970	ug/L	99
31) Carbon tetrachloride	4.85	117	67093	5.091	ug/L	99
33) Benzene	5.12	78	178988	4.992	ug/L	100
34) Trichloroethene	5.93	95	48058	4.854	ug/L	97
35) Methylcyclohexane	6.15	83	75898	4.994	ug/L	99
37) 1,2-Dichloropropane	6.20	63	46671	5.121	ug/L	99
38) Bromodichloromethane	6.53	83	57568	4.975	ug/L	98
39) cis-1,3-Dichloropropene	7.04	75	62453	4.916	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	294306	49.759	ug/L	100
42) Toluene	7.41	91	194821	5.086	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	51998	4.871	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	31005	4.992	ug/L	99
47) Tetrachloroethene	7.99	164	35795	5.021	ug/L	95
48) 2-Hexanone	8.16	43	214717	50.907	ug/L	99
49) Dibromochloromethane	8.27	129	31804	4.947	ug/L	96
50) 1,2-Dibromoethane	8.37	107	28606	4.980	ug/L	99
51) Chlorobenzene	8.90	112	125122	4.986	ug/L	99
52) Ethylbenzene	9.03	91	223267	5.036	ug/L	99
53) m,p-xylene	9.16	106	83701	5.154	ug/L	99
54) o-xylene	9.56	106	78558	5.000	ug/L	100
55) Styrene	9.58	104	136071	5.103	ug/L	100
56) Isopropylbenzene	9.95	105	221743	5.030	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	36360	5.013	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	28649	4.924	ug/L	98
61) Bromoform	9.75	173	13042	4.925	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	100777	4.964	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	101915	4.978	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	90619	4.935	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	5860	4.899	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	74463	4.963	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	66397	4.809	ug/L	100
69) Naphthalene	13.53	128	109634	4.436	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	58031	4.762	ug/L	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042320\
Data File : VV015651.D
Acq On : 23 Apr 2020 10:11
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00559

Quant Time: Apr 24 03:23:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 11:42:16 2020
Response via : Initial Calibration

