

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017143.D
 Acq On : 25 Jun 2020 21:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 2:07:25 PM

Quant Time: Jun 26 05:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	168498	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165335	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	88108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51878	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	39067	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.12	63	98432	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	3.96	46	109844m	42.62	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.24%
24) Chloroform-d	4.38	84	113980	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.06	65	58749	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.07	84	209434	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.10	67	58760	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.34	98	197062	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	7.64	79	24547	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
48) 2-Hexanone-d5	8.11	63	93028	45.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44288	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	73451	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	68503	5.093	ug/L 100
3) Chloromethane	1.25	50	56758	4.979	ug/L 99
5) Vinyl chloride	1.32	62	54668	4.944	ug/L 97
6) Bromomethane	1.53	94	30162	4.680	ug/L 99
8) Chloroethane	1.60	64	31035	5.079	ug/L 100
9) Trichlorofluoromethane	1.77	101	98544	5.504	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46160	5.172	ug/L 99
12) 1,1-Dichloroethene	2.14	96	42052	5.200	ug/L 87
13) Acetone	2.24	43	59383	45.578	ug/L 70
14) Carbon disulfide	2.31	76	117240	4.839	ug/L 98
15) Methyl Acetate	2.46	43	14182	4.452	ug/L 99
16) Methylene chloride	2.52	84	42080	4.859	ug/L 100
17) Methyl tert-butyl Ether	2.79	73	105061	5.174	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	45523	5.312	ug/L 95
19) 1,1-Dichloroethane	3.21	63	105115	5.459	ug/L 98
21) 2-Butanone	4.05	43	113150	46.071	ug/L # 66
22) cis-1,2-Dichloroethene	3.94	96	59614	5.087	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017143.D
 Acq On : 25 Jun 2020 21:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 2:07:25 PM

Quant Time: Jun 26 05:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	27177	5.457	ug/L	98
25) Chloroform	4.41	83	114163	5.428	ug/L	99
27) 1,2-Dichloroethane	5.16	62	68322	5.229	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	103630	5.232	ug/L	99
30) Cyclohexane	4.70	56	86882	4.609	ug/L	97
31) Carbon tetrachloride	4.85	117	93510	5.232	ug/L	98
33) Benzene	5.12	78	225795	5.215	ug/L	100
34) Trichloroethene	5.94	95	61515	4.852	ug/L	96
35) Methylcyclohexane	6.15	83	90306	4.582	ug/L	99
37) 1,2-Dichloropropane	6.20	63	52532	4.901	ug/L	99
38) Bromodichloromethane	6.53	83	76575	5.260	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	76447	4.801	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	308278	49.814	ug/L	100
42) Toluene	7.41	91	247854	4.924	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	226308	5.027	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	236557	5.161	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	66802	4.850	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	38855	5.111	ug/L	97
49) Tetrachloroethene	8.00	164	51643	5.061	ug/L	98
50) 2-Hexanone	8.16	43	219307	49.796	ug/L	99
51) Dibromochloromethane	8.27	129	49604	5.383	ug/L	99
52) 1,2-Dibromoethane	8.37	107	35939	4.985	ug/L	98
53) Chlorobenzene	8.90	112	160676	5.120	ug/L	99
54) Ethylbenzene	9.03	91	272028	5.063	ug/L	99
55) m,p-xylene	9.16	106	102542	4.866	ug/L	97
56) o-xylene	9.56	106	96823	4.923	ug/L	99
57) Styrene	9.58	104	172485	5.293	ug/L	98
58) Isopropylbenzene	9.95	105	277649	5.130	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	44038	5.600	ug/L	99
62) Bromoform	9.75	173	26819	5.689	ug/L	96
63) 1,3-Dichlorobenzene	11.20	146	134205	5.060	ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	134555	4.991	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	124389	5.167	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7295	5.479	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	101532	4.764	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	84389	4.810	ug/L	99
70) Naphthalene	13.52	128	122468	4.944	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	76442	5.342	ug/L	98

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

