

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016145.D
 Acq On : 21 May 2020 09:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: May 22 01:30:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160341	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155765	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81504	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36155	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	40027	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	93497	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	3.95	46	152575	61.49	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.98%
24) Chloroform-d	4.37	84	83369	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	55970	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	188071	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.09	67	60442	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.34	98	174803	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
45) trans-1,3-Dichloropropene-	7.64	79	21515	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
48) 2-Hexanone-d5	8.11	63	126534	64.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	46516	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	66511	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	58371	4.751	ug/L 100
3) Chloromethane	1.25	50	56404	4.535	ug/L 98
5) Vinyl chloride	1.32	62	58004	4.876	ug/L 99
6) Bromomethane	1.53	94	24143	3.576	ug/L 97
8) Chloroethane	1.60	64	36542	4.312	ug/L 95
9) Trichlorofluoromethane	1.76	101	83926	5.144	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	53307	5.784	ug/L 99
12) 1,1-Dichloroethene	2.13	96	48446	5.490	ug/L 82
13) Acetone	2.24	43	86609	52.913	ug/L 69
14) Carbon disulfide	2.31	76	132723	4.556	ug/L 99
15) Methyl Acetate	2.47	43	20215	5.344	ug/L 99
16) Methylene chloride	2.52	84	52358	4.959	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	120264	5.245	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	51242	5.255	ug/L 98
19) 1,1-Dichloroethane	3.21	63	98935	5.268	ug/L 98
21) 2-Butanone	4.03	43	136826	54.890	ug/L 97
22) cis-1,2-Dichloroethene	3.94	96	53545	5.245	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	22604	5.188	ug/L	97
25) Chloroform	4.40	83	120455	5.823	ug/L	96
27) 1,2-Dichloroethane	5.15	62	65558	5.158	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	90627	5.276	ug/L	99
30) Cyclohexane	4.70	56	88393	5.135	ug/L	99
31) Carbon tetrachloride	4.85	117	74664	5.037	ug/L	99
33) Benzene	5.12	78	208098	5.310	ug/L	100
34) Trichloroethene	5.94	95	54734	4.893	ug/L	93
35) Methylcyclohexane	6.15	83	87910	5.196	ug/L	97
37) 1,2-Dichloropropane	6.20	63	53504	5.374	ug/L	99
38) Bromodichloromethane	6.53	83	67037	5.302	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	71352	5.070	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	344628	55.534	ug/L	100
42) Toluene	7.41	91	227427	5.475	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	216852	5.687	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	217983	5.720	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	59839	5.034	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	35204	5.295	ug/L	97
49) Tetrachloroethene	7.99	164	41796	5.355	ug/L	98
50) 2-Hexanone	8.16	43	248873	56.710	ug/L	100
51) Dibromochloromethane	8.27	129	38392	5.139	ug/L	98
52) 1,2-Dibromoethane	8.37	107	32767	5.314	ug/L	98
53) Chlorobenzene	8.90	112	147096	5.506	ug/L	99
54) Ethylbenzene	9.03	91	259814	5.500	ug/L	98
55) m,p-xylene	9.16	106	96795	5.534	ug/L	98
56) o-xylene	9.56	106	93831	5.611	ug/L	95
57) Styrene	9.58	104	161004	5.757	ug/L	97
58) Isopropylbenzene	9.95	105	258988	5.638	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	44395	6.248	ug/L	98
62) Bromoform	9.75	173	17584	4.696	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	118267	5.386	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	118501	5.371	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	106439	5.356	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7472	5.760	ug/L	85
68) 1,3,5-Trichlorobenzene	12.67	180	84865	5.286	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	71511	5.184	ug/L	98
70) Naphthalene	13.53	128	146812	6.691	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	64306	5.284	ug/L	99

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

