

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015571.D
 Acq On : 20 Apr 2020 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Apr 21 00:00:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 20 12:22:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	98648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	93586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	48264	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26021	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	24849	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.12	63	56258	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	3.94	46	84319	58.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.34%
24) Chloroform-d	4.37	84	60368	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.06	65	30979	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.07	84	107108	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.09	67	34467	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.33	98	100502	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.64	79	13523	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.11	63	67911	50.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26025	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	37122	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	52867	5.414 ug/L	99
3) Chloromethane	1.25	50	44869	4.825 ug/L	96
5) Vinyl chloride	1.32	62	47037	5.253 ug/L	98
6) Bromomethane	1.53	94	19964	4.035 ug/L	95
8) Chloroethane	1.59	64	28151	5.421 ug/L	98
9) Trichlorofluoromethane	1.76	101	64971	5.672 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	36332	5.615 ug/L	99
12) 1,1-Dichloroethene	2.13	96	33383	5.391 ug/L	98
13) Acetone	2.23	43	69880	68.821 ug/L #	53
14) Carbon disulfide	2.30	76	101819	4.716 ug/L	99
15) Methyl Acetate	2.46	43	15649	5.209 ug/L	93
16) Methylene chloride	2.52	84	38357	5.287 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	94738	5.724 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	38609	5.533 ug/L	100
19) 1,1-Dichloroethane	3.21	63	75145	5.713 ug/L	99
21) 2-Butanone	4.02	43	104743	63.835 ug/L #	73
22) cis-1,2-Dichloroethene	3.93	96	40613	5.606 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	17011	5.643	ug/L	96
25) Chloroform	4.40	83	76158	5.657	ug/L	99
27) 1,2-Dichloroethane	5.15	62	48274	5.546	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	70457	5.802	ug/L	99
30) Cyclohexane	4.70	56	68262	5.295	ug/L	98
31) Carbon tetrachloride	4.85	117	59767	5.655	ug/L	99
33) Benzene	5.12	78	158006	5.641	ug/L	100
34) Trichloroethene	5.94	95	43242	5.736	ug/L	99
35) Methylcyclohexane	6.15	83	68858	5.421	ug/L	99
37) 1,2-Dichloropropane	6.20	63	40455	5.823	ug/L	100
38) Bromodichloromethane	6.53	83	52812	5.701	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	56961	5.343	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	255251	55.954	ug/L	99
42) Toluene	7.41	91	168847	5.552	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	47808	5.303	ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	27446	5.877	ug/L	97
47) Tetrachloroethene	7.99	164	31988	5.727	ug/L	98
48) 2-Hexanone	8.16	43	184766	57.969	ug/L	99
49) Dibromochloromethane	8.27	129	31080	5.556	ug/L	97
50) 1,2-Dibromoethane	8.37	107	25410	5.677	ug/L #	98
51) Chlorobenzene	8.90	112	108994	5.623	ug/L	99
52) Ethylbenzene	9.03	91	194179	5.547	ug/L	99
53) m,p-xylene	9.16	106	73307	5.545	ug/L	99
54) o-xylene	9.56	106	69830	5.457	ug/L	96
55) Styrene	9.58	104	118267	5.499	ug/L	97
56) Isopropylbenzene	9.95	105	194126	5.533	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	31159	5.482	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	24370	5.673	ug/L	99
61) Bromoform	9.76	173	14221	5.024	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	87406	5.617	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	87832	5.547	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	80230	5.655	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	5868	5.405	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	65971	5.867	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	58502	5.776	ug/L	100
69) Naphthalene	13.53	128	101176	5.302	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	51617	5.769	ug/L	99

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

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