

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017042.D
 Acq On : 23 Jun 2020 01:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Jun 23 05:01:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	196020	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	185733	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	100157	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50829	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	38463	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	101691	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	3.93	46	148328	49.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.94%
24) Chloroform-d	4.38	84	114435	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	64605	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.07	84	234502	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.09	67	68072	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	226619	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
45) trans-1,3-Dichloropropene-	7.64	79	28361	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	8.11	63	105755	46.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	50457	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	87698	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	78214	4.998	ug/L 99
3) Chloromethane	1.25	50	61628	4.648	ug/L 100
5) Vinyl chloride	1.32	62	62721	4.876	ug/L 95
6) Bromomethane	1.53	94	24694	3.294	ug/L 100
8) Chloroethane	1.60	64	36848	5.184	ug/L 98
9) Trichlorofluoromethane	1.77	101	104095	4.997	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52072	5.016	ug/L 99
12) 1,1-Dichloroethene	2.14	96	48161	5.119	ug/L 87
13) Acetone	2.20	43	81966	54.078	ug/L 96
14) Carbon disulfide	2.31	76	142517	5.056	ug/L 98
15) Methyl Acetate	2.45	43	18642	5.031	ug/L 99
16) Methylene chloride	2.52	84	49273	4.891	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	121713	5.153	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	50635	5.079	ug/L 95
19) 1,1-Dichloroethane	3.21	63	116116	5.184	ug/L 99
21) 2-Butanone	4.01	43	154035	53.912	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	68684	5.038	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	30610	5.283	ug/L	95
25) Chloroform	4.40	83	137327	5.613	ug/L	99
27) 1,2-Dichloroethane	5.16	62	78976	5.196	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	120303	5.406	ug/L	99
30) Cyclohexane	4.70	56	103546	4.890	ug/L	99
31) Carbon tetrachloride	4.85	117	103285	5.144	ug/L	100
33) Benzene	5.13	78	255564	5.254	ug/L	100
34) Trichloroethene	5.94	95	70632	4.959	ug/L	99
35) Methylcyclohexane	6.15	83	106404	4.806	ug/L	99
37) 1,2-Dichloropropane	6.20	63	63168	5.246	ug/L	99
38) Bromodichloromethane	6.53	83	85206	5.210	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	88351	4.939	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	369964	53.217	ug/L	99
42) Toluene	7.41	91	279546	4.943	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	261970	5.180	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	267832	5.201	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	75467	4.877	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	44617	5.224	ug/L	98
49) Tetrachloroethene	8.00	164	57324	5.000	ug/L	96
50) 2-Hexanone	8.16	43	268424	54.255	ug/L	99
51) Dibromochloromethane	8.27	129	54968	5.310	ug/L	97
52) 1,2-Dibromoethane	8.37	107	42353	5.229	ug/L	93
53) Chlorobenzene	8.90	112	181077	5.137	ug/L	98
54) Ethylbenzene	9.03	91	311583	5.162	ug/L	99
55) m,p-xylene	9.16	106	120025	5.070	ug/L	99
56) o-xylene	9.56	106	113289	5.128	ug/L	100
57) Styrene	9.58	104	194139	5.303	ug/L	98
58) Isopropylbenzene	9.95	105	313555	5.157	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	49564	5.611	ug/L	93
62) Bromoform	9.75	173	27682	5.166	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	151409	5.021	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	151811	4.954	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	139115	5.084	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	8158	5.390	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	116303	4.801	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	93873	4.707	ug/L	99
70) Naphthalene	13.53	128	133649	4.746	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	80512	4.950	ug/L	99

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

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