

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012320\
 Data File : VV014379.D
 Acq On : 23 Jan 2020 15:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Jan 23 16:22:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 22 15:34:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	925755	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	847169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	389788	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	279666	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	242391	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	436000	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	3.94	46	742589	47.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.44%
24) Chloroform-d	4.39	84	680487	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.07	65	321383	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.09	84	1308123	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.11	67	432972	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.35	98	1080423	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	163961	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	838975	57.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.30%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	310901	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	391697	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	397588	5.696 ug/L	98
3) Chloromethane	1.25	50	452823	6.527 ug/L	97
5) Vinyl chloride	1.32	62	369484	5.703 ug/L	99
6) Bromomethane	1.54	94	147930	4.024 ug/L	99
8) Chloroethane	1.60	64	188843	5.187 ug/L	99
9) Trichlorofluoromethane	1.77	101	436685	5.709 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	235998	5.696 ug/L	98
12) 1,1-Dichloroethene	2.14	96	225689	5.457 ug/L	99
13) Acetone	2.21	43	379165	35.385 ug/L	98
14) Carbon disulfide	2.32	76	976538	5.321 ug/L	100
15) Methyl Acetate	2.47	43	173833	6.969 ug/L #	84
16) Methylene chloride	2.53	84	343628	5.104 ug/L	93
17) Methyl tert-butyl Ether	2.80	73	730214	4.771 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	338399	5.443 ug/L	99
19) 1,1-Dichloroethane	3.23	63	638713	5.242 ug/L	98
21) 2-Butanone	4.03	43	735321	45.748 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	362665	5.321 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	133185	5.141	ug/L	95
25) Chloroform	4.42	83	614348	5.266	ug/L	98
27) 1,2-Dichloroethane	5.17	62	341728	4.896	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	541764	5.372	ug/L	99
30) Cyclohexane	4.72	56	649497	5.833	ug/L	97
31) Carbon tetrachloride	4.87	117	457804	5.301	ug/L	99
33) Benzene	5.14	78	1411991	5.412	ug/L	100
34) Trichloroethene	5.96	95	357359	5.330	ug/L	96
35) Methylcyclohexane	6.17	83	638568	5.825	ug/L	97
37) 1,2-Dichloropropane	6.22	63	348886	5.298	ug/L	99
38) Bromodichloromethane	6.55	83	431358	5.080	ug/L	95
39) cis-1,3-Dichloropropene	7.06	75	529735	4.968	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	2033245	48.979	ug/L	98
42) Toluene	7.42	91	1480272	5.375	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	405346	4.951	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	220034	5.230	ug/L	99
47) Tetrachloroethene	8.01	164	251035	5.481	ug/L	99
48) 2-Hexanone	8.18	43	1553191	54.093	ug/L	98
49) Dibromochloromethane	8.28	129	263248	4.950	ug/L	98
50) 1,2-Dibromoethane	8.39	107	204067	5.009	ug/L	95
51) Chlorobenzene	8.92	112	910976	5.379	ug/L	100
52) Ethylbenzene	9.05	91	1675069	5.437	ug/L	99
53) m,p-xylene	9.18	106	620098	5.456	ug/L	95
54) o-xylene	9.58	106	605862	5.420	ug/L	99
55) Styrene	9.60	104	999267	5.278	ug/L	100
56) Isopropylbenzene	9.97	105	1595724	5.473	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	267459	5.156	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	197007	5.021	ug/L	97
61) Bromoform	9.77	173	129498	4.901	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	651350	5.345	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	649532	5.360	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	592891	5.387	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	45473	4.495	ug/L	89
67) 1,3,5-Trichlorobenzene	12.68	180	466170	5.261	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	381336	4.906	ug/L	99
69) Naphthalene	13.54	128	704455	4.461	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	338342	4.947	ug/L	98

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

