

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032420\
 Data File : VV015124.D
 Acq On : 24 Mar 2020 17:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Mar 25 01:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 01:10:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	552982	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	534168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	263975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	276516	54.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.28%
7) Chloroethane-d5	1.58	69	243612	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.70%
11) 1,1-Dichloroethene-d2	2.12	63	520813	61.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.16%
21) 2-Butanone-d5	3.93	46	364678	109.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.57%
24) Chloroform-d	4.38	84	445585	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.06	65	279606	56.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.76%
32) Benzene-d6	5.07	84	905654	55.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.96%
36) 1,2-Dichloropropane-d6	6.09	67	283134	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.94%
41) Toluene-d8	7.34	98	881621	58.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.54%
43) trans-1,3-Dichloropropene-	7.64	79	154112	55.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.22%
47) 2-Hexanone-d5	8.11	63	281163	105.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	412338	55.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	334945	56.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	245773	58.579	ug/L 99
3) Chloromethane	1.25	50	266909	48.054	ug/L 100
5) Vinyl chloride	1.32	62	272001	51.593	ug/L 100
6) Bromomethane	1.53	94	156732	48.610	ug/L 100
8) Chloroethane	1.60	64	180538	44.598	ug/L 97
9) Trichlorofluoromethane	1.77	101	405860	61.082	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	216936	65.147	ug/L 99
12) 1,1-Dichloroethene	2.13	96	199924	55.805	ug/L 97
13) Acetone	2.22	43	214982	82.459	ug/L 67
14) Carbon disulfide	2.31	76	483145	52.496	ug/L 100
15) Methyl Acetate	2.46	43	220328	47.284	ug/L 100
16) Methylene chloride	2.52	84	210624	49.682	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	190780	53.611	ug/L 93
18) Methyl tert-butyl Ether	2.79	73	665007	48.938	ug/L 97
19) 1,1-Dichloroethane	3.21	63	359778	49.522	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	215710	51.350	ug/L # 99
22) 2-Butanone	4.02	43	316305	86.973	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	106112	50.833	ug/L	93
25) Chloroform	4.40	83	377127	52.113	ug/L	99
27) 1,2-Dichloroethane	5.16	62	280775	48.715	ug/L	99
29) Cyclohexane	4.70	56	328824	55.304	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	324358	51.856	ug/L	98
31) Carbon tetrachloride	4.86	117	296502	56.225	ug/L	99
33) Benzene	5.13	78	804226	49.583	ug/L	100
34) Trichloroethene	5.94	95	209049	53.501	ug/L	98
35) Methylcyclohexane	6.15	83	356440	61.814	ug/L	97
37) 1,2-Dichloropropane	6.20	63	208761	47.772	ug/L	99
38) Bromodichloromethane	6.53	83	294969	49.043	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	368526	51.595	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	647359	89.516	ug/L	98
42) Toluene	7.41	91	907571	52.524	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	331263	50.398	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	203221	48.743	ug/L	97
46) Tetrachloroethene	8.00	164	161552	59.308	ug/L	98
48) 2-Hexanone	8.16	43	518179	93.118	ug/L	98
49) Dibromochloromethane	8.27	129	240226	49.912	ug/L	98
50) 1,2-Dibromoethane	8.37	107	221739	48.408	ug/L	99
51) Chlorobenzene	8.90	112	588279	53.067	ug/L	99
52) Ethylbenzene	9.03	91	1037674	55.062	ug/L	99
53) m,p-Xylene	9.16	106	398341	55.841	ug/L	99
54) o-xylene	9.56	106	395547	53.674	ug/L	100
55) Styrene	9.58	104	681213	53.450	ug/L	99
56) Isopropylbenzene	9.95	105	1036056	56.960	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	348717	48.643	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	275512	47.556	ug/L	99
61) Bromoform	9.75	173	166491	46.027	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	458168	52.211	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	464937	52.413	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	458443	50.131	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	91947	45.172	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	330849	55.027	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	305011	53.415	ug/L	98
69) Naphthalene	13.53	128	542072	48.046	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	297507	50.574	ug/L	99

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

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