

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018506.D
 Acq On : 28 Sep 2020 20:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Sep 29 00:54:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344300	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174163	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115855	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.58%
7) Chloroethane-d5	1.58	69	97301	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.76%
11) 1,1-Dichloroethene-d2	2.12	63	221772	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
21) 2-Butanone-d5	3.92	46	170886	99.50	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.50%
24) Chloroform-d	4.38	84	219178	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.06	65	137046	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
32) Benzene-d6	5.08	84	428105	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.09	67	137435	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.38%
41) Toluene-d8	7.34	98	389298	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.64	79	69291	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.66%
47) 2-Hexanone-d5	8.11	63	115614	101.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183405	48.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	164034	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	116597	46.442	ug/L 100
3) Chloromethane	1.25	50	132063	48.173	ug/L 100
5) Vinyl chloride	1.32	62	138801	49.374	ug/L 99
6) Bromomethane	1.53	94	84620	49.248	ug/L 98
8) Chloroethane	1.60	64	89379	50.754	ug/L 99
9) Trichlorofluoromethane	1.76	101	190367	49.217	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	117843	50.721	ug/L 100
12) 1,1-Dichloroethene	2.13	96	116159	51.383	ug/L 94
13) Acetone	2.20	43	121579	88.405	ug/L 100
14) Carbon disulfide	2.31	76	301917	43.645	ug/L 99
15) Methyl Acetate	2.45	43	134057	54.242	ug/L 98
16) Methylene chloride	2.52	84	136271	53.748	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	120881	51.885	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	402064	55.789	ug/L 99
19) 1,1-Dichloroethane	3.21	63	233490	53.006	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	136887	54.964	ug/L 93
22) 2-Butanone	4.00	43	184726	113.434	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	69999	53.720	ug/L	97
25) Chloroform	4.40	83	237210	52.977	ug/L	99
27) 1,2-Dichloroethane	5.16	62	179704	51.842	ug/L	98
29) Cyclohexane	4.70	56	197643	51.754	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	205775	53.614	ug/L	100
31) Carbon tetrachloride	4.86	117	173753	51.485	ug/L	99
33) Benzene	5.13	78	517560	54.736	ug/L	100
34) Trichloroethene	5.94	95	142369	55.272	ug/L	99
35) Methylcyclohexane	6.16	83	185779	47.903	ug/L	98
37) 1,2-Dichloropropane	6.20	63	137045	54.695	ug/L	99
38) Bromodichloromethane	6.53	83	173849	53.317	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	212623	55.076	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	362614	119.292	ug/L	98
42) Toluene	7.41	91	556430	55.607	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	204889	54.508	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	130021	55.986	ug/L	99
46) Tetrachloroethene	8.00	164	106664	52.814	ug/L	100
48) 2-Hexanone	8.16	43	280158	116.905	ug/L	99
49) Dibromochloromethane	8.27	129	141110	54.131	ug/L	99
50) 1,2-Dibromoethane	8.37	107	137875	56.409	ug/L	99
51) Chlorobenzene	8.90	112	362169	55.731	ug/L	98
52) Ethylbenzene	9.03	91	611545	55.978	ug/L	99
53) m,p-Xylene	9.16	106	230992	56.648	ug/L	97
54) o-xylene	9.56	106	226010	57.532	ug/L	100
55) Styrene	9.58	104	395953	57.989	ug/L	99
56) Isopropylbenzene	9.95	105	595509	56.247	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	191653	55.788	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	166992	56.664	ug/L	99
61) Bromoform	9.75	173	104231	55.708	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	291535	56.293	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	296178	55.639	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	290799	55.553	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	42692	57.794	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	200971	49.224	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	195717	53.832	ug/L	99
69) Naphthalene	13.52	128	617272	67.099	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	197160	55.059	ug/L	100

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

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