

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018439.D
 Acq On : 24 Sep 2020 19:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05086

Quant Time: Sep 25 04:48:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	406112	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	389458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	208416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142960	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.38%
7) Chloroethane-d5	1.58	69	114294	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.12	63	253406	41.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.48%
21) 2-Butanone-d5	3.92	46	172914	85.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.36%
24) Chloroform-d	4.38	84	239392	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.38%
26) 1,2-Dichloroethane-d4	5.06	65	150332	40.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.68%
32) Benzene-d6	5.08	84	489843	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
36) 1,2-Dichloropropane-d6	6.09	67	152259	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.34	98	452600	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%
43) trans-1,3-Dichloropropene-	7.64	79	79293	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.11	63	123016	91.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195249	43.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	186971	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	116354	39.291	ug/L 99
3) Chloromethane	1.25	50	132922	41.107	ug/L 100
5) Vinyl chloride	1.32	62	140068	42.241	ug/L 99
6) Bromomethane	1.53	94	88860	43.844	ug/L 100
8) Chloroethane	1.60	64	88705	42.704	ug/L 100
9) Trichlorofluoromethane	1.77	101	189392	41.512	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	119267	43.521	ug/L 99
12) 1,1-Dichloroethene	2.13	96	114695	43.013	ug/L 94
13) Acetone	2.20	43	120072	74.021	ug/L 99
14) Carbon disulfide	2.31	76	314355	38.527	ug/L 99
15) Methyl Acetate	2.45	43	129066	44.274	ug/L 98
16) Methylene chloride	2.52	84	129620	43.344	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	120149	43.722	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	392044	46.119	ug/L 99
19) 1,1-Dichloroethane	3.21	63	227596	43.804	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	132877	45.233	ug/L 97
22) 2-Butanone	4.00	43	173917	90.542	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	68781	44.751	ug/L	98
25) Chloroform	4.40	83	228919	43.344	ug/L	99
27) 1,2-Dichloroethane	5.15	62	173966	42.548	ug/L	98
29) Cyclohexane	4.70	56	200689	44.625	ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	199398	44.117	ug/L	100
31) Carbon tetrachloride	4.86	117	170963	43.017	ug/L	98
33) Benzene	5.13	78	505795	45.424	ug/L	100
34) Trichloroethene	5.94	95	137289	45.260	ug/L	99
35) Methylcyclohexane	6.15	83	198426	43.446	ug/L	98
37) 1,2-Dichloropropane	6.20	63	133862	45.367	ug/L	99
38) Bromodichloromethane	6.53	83	170441	44.388	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	212919	46.834	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	344147	96.140	ug/L	99
42) Toluene	7.41	91	547512	46.463	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	205208	46.359	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	126549	46.272	ug/L	99
46) Tetrachloroethene	8.00	164	107044	45.008	ug/L	99
48) 2-Hexanone	8.16	43	262241	92.924	ug/L	97
49) Dibromochloromethane	8.27	129	137689	44.852	ug/L	100
50) 1,2-Dibromoethane	8.37	107	133273	46.302	ug/L	100
51) Chlorobenzene	8.90	112	353047	46.133	ug/L	100
52) Ethylbenzene	9.03	91	605481	47.064	ug/L	99
53) m,p-Xylene	9.16	106	230673	48.037	ug/L	95
54) o-xylene	9.56	106	222846	48.171	ug/L	99
55) Styrene	9.58	104	389040	48.383	ug/L	99
56) Isopropylbenzene	9.95	105	602975	48.362	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	191623	47.366	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	161619	46.569	ug/L	100
61) Bromoform	9.75	173	102190	45.641	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	292665	47.224	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	300988	47.250	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	291935	46.604	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	41631	47.096	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	220174	45.065	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	206973	47.572	ug/L	99
69) Naphthalene	13.52	128	611267	55.525	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	206071	48.089	ug/L	100

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

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