

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082620\
 Data File : VV018104.D
 Acq On : 26 Aug 2020 16:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05086

Quant Time: Aug 27 02:02:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:00:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271333	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272675	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91907	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.78%
7) Chloroethane-d5	1.58	69	83301	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.36%
11) 1,1-Dichloroethene-d2	2.13	63	190020	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.96%
21) 2-Butanone-d5	3.91	46	128411	94.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.70%
24) Chloroform-d	4.38	84	186568	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
26) 1,2-Dichloroethane-d4	5.06	65	121645	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
32) Benzene-d6	5.07	84	364425	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.09	67	116954	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.20%
41) Toluene-d8	7.34	98	337405	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	7.64	79	57883	51.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.90%
47) 2-Hexanone-d5	8.11	63	74977	95.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.10%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	154041	48.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	142423	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	93066	44.427	ug/L 100
3) Chloromethane	1.25	50	107278	44.086	ug/L 100
5) Vinyl chloride	1.32	62	111900	46.413	ug/L 98
6) Bromomethane	1.53	94	68067	47.237	ug/L 100
8) Chloroethane	1.60	64	74535	48.436	ug/L 100
9) Trichlorofluoromethane	1.77	101	162508	47.187	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	95414	49.618	ug/L 97
12) 1,1-Dichloroethene	2.14	96	88909	48.849	ug/L 93
13) Acetone	2.19	43	142415	101.688	ug/L 97
14) Carbon disulfide	2.31	76	232480	46.408	ug/L 99
15) Methyl Acetate	2.45	43	105732	46.781	ug/L 100
16) Methylene chloride	2.52	84	109840	47.370	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	92954	49.683	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	313475	50.662	ug/L 100
19) 1,1-Dichloroethane	3.21	63	188344	50.065	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	104789	50.967	ug/L 100
22) 2-Butanone	3.99	43	163508	104.069	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	55625	51.790	ug/L	95
25) Chloroform	4.40	83	195529	50.957	ug/L	100
27) 1,2-Dichloroethane	5.15	62	151592	49.634	ug/L	99
29) Cyclohexane	4.70	56	151740	46.108	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	164737	49.301	ug/L	98
31) Carbon tetrachloride	4.86	117	140478	50.501	ug/L	100
33) Benzene	5.13	78	408486	48.421	ug/L	100
34) Trichloroethene	5.94	95	107574	48.241	ug/L	98
35) Methylcyclohexane	6.15	83	155550	46.912	ug/L	99
37) 1,2-Dichloropropane	6.20	63	112493	48.897	ug/L	100
38) Bromodichloromethane	6.53	83	146414	51.236	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	168235	51.583	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	285860	95.049	ug/L	99
42) Toluene	7.41	91	437666	49.718	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	167632	54.171	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	104958	49.263	ug/L	99
46) Tetrachloroethene	8.00	164	83158	50.849	ug/L	97
48) 2-Hexanone	8.16	43	234550	96.713	ug/L	99
49) Dibromochloromethane	8.27	129	117071	56.295	ug/L	96
50) 1,2-Dibromoethane	8.37	107	108692	49.308	ug/L	98
51) Chlorobenzene	8.90	112	283727	50.114	ug/L	99
52) Ethylbenzene	9.03	91	483638	50.388	ug/L	100
53) m,p-Xylene	9.16	106	182257	51.627	ug/L	99
54) o-xylene	9.56	106	177361	50.839	ug/L	97
55) Styrene	9.58	104	318774	53.357	ug/L	99
56) Isopropylbenzene	9.95	105	479015	52.047	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	160031	48.235	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	134996	47.512	ug/L	100
61) Bromoform	9.75	173	83701	58.880	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	236719	49.549	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	243366	49.587	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	241550	49.122	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34011	46.944	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	186842	51.483	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	171834	53.853	ug/L	100
69) Naphthalene	13.52	128	446819	50.806	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	172216	53.074	ug/L	99

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

