

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\
 Data File : VV019287.D
 Acq On : 05 Nov 2020 18:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Nov 05 22:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 22:32:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	233181	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93686	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.12%
7) Chloroethane-d5	1.58	69	77412	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.54%
11) 1,1-Dichloroethene-d2	2.12	63	181484	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.96%
21) 2-Butanone-d5	3.90	46	140047	123.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.39%
24) Chloroform-d	4.37	84	181341	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.22%
26) 1,2-Dichloroethane-d4	5.05	65	129162	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.54%
32) Benzene-d6	5.07	84	335933	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
36) 1,2-Dichloropropane-d6	6.09	67	105422	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.98%
41) Toluene-d8	7.34	98	307764	48.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.84%
43) trans-1,3-Dichloropropene-	7.64	79	55641	49.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.48%
47) 2-Hexanone-d5	8.11	63	98401	116.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.36%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	146119	55.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	131733	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96494	47.128	ug/L 99
3) Chloromethane	1.25	50	103417	55.620	ug/L 99
5) Vinyl chloride	1.32	62	99940	52.501	ug/L 98
6) Bromomethane	1.53	94	65941	51.714	ug/L 98
8) Chloroethane	1.59	64	66314	56.027	ug/L 100
9) Trichlorofluoromethane	1.76	101	155615	49.048	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	77361	50.667	ug/L 96
12) 1,1-Dichloroethene	2.13	96	76163	50.934	ug/L 96
13) Acetone	2.18	43	93901	89.055	ug/L 98
14) Carbon disulfide	2.31	76	220648	46.423	ug/L 100
15) Methyl Acetate	2.44	43	98910	58.208	ug/L 98
16) Methylene chloride	2.52	84	90134	53.083	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	81221	50.571	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	286080	53.195	ug/L 98
19) 1,1-Dichloroethane	3.21	63	161233	53.884	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	89107	50.553	ug/L 93
22) 2-Butanone	3.99	43	130607	113.721	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	48101	50.854	ug/L	94
25) Chloroform	4.40	83	168004	51.958	ug/L	99
27) 1,2-Dichloroethane	5.15	62	144021	52.318	ug/L	99
29) Cyclohexane	4.70	56	126166	48.950	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	150102	47.977	ug/L	98
31) Carbon tetrachloride	4.85	117	129586	46.710	ug/L	100
33) Benzene	5.12	78	340956	51.221	ug/L	100
34) Trichloroethene	5.94	95	90335	49.538	ug/L	96
35) Methylcyclohexane	6.15	83	115923	47.089	ug/L	97
37) 1,2-Dichloropropane	6.20	63	90342	54.650	ug/L	100
38) Bromodichloromethane	6.53	83	125905	51.198	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	142846	52.315	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	268106	117.565	ug/L	99
42) Toluene	7.41	91	369698	50.662	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	143473	50.511	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	88150	53.168	ug/L	99
46) Tetrachloroethene	8.00	164	70563	45.316	ug/L	99
48) 2-Hexanone	8.16	43	208666	115.119	ug/L	99
49) Dibromochloromethane	8.27	129	102083	50.853	ug/L	99
50) 1,2-Dibromoethane	8.37	107	93867	53.065	ug/L	99
51) Chlorobenzene	8.90	112	235623	49.249	ug/L	98
52) Ethylbenzene	9.03	91	403009	50.120	ug/L	98
53) m,p-Xylene	9.16	106	151514	49.888	ug/L	99
54) o-xylene	9.56	106	145427	49.873	ug/L	97
55) Styrene	9.58	104	264695	51.217	ug/L	97
56) Isopropylbenzene	9.95	105	391927	50.014	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	135920	53.839	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	118296	54.740	ug/L	98
61) Bromoform	9.75	173	77027	49.251	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	195348	48.847	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	198525	47.766	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	197859	49.943	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34358	50.685	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	137373	46.663	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	128296	46.514	ug/L	99
69) Naphthalene	13.52	128	398520	51.584	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	132741	49.178	ug/L	100

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

