

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010407.D
 Acq On : 20 Apr 2019 02:21
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02576

Quant Time: Apr 20 04:39:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 04:30:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	410436	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	400147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	200496	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	134427	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.16%
7) Chloroethane-d5	1.56	69	111780	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.12%
10) 1,1-Dichloroethene-d2	2.12	63	266924	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.92%
20) 2-Butanone-d5	3.93	46	93173	57.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.82%
24) Chloroform-d	4.39	84	284425	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	5.08	65	178568	28.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.12%
29) Benzene-d6	5.09	84	516443	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	6.11	67	154327	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.00%
37) Toluene-d8	7.36	98	504316	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.44%
38) trans-1,3-Dichloropropene-	7.66	79	73422	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.60%
39) 2-Hexanone-d5	8.13	63	68809	51.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	155445	25.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	202726	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	141393	22.711	ug/L	98
3) Chloromethane	1.24	50	121428	22.443	ug/L	99
5) Vinyl chloride	1.32	62	145687	25.776	ug/L	99
6) Bromomethane	1.51	94	59845	16.553	ug/L	97
8) Chloroethane	1.58	64	90007	24.986	ug/L	96
9) Trichlorofluoromethane	1.75	101	254690	21.941	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	141132	23.080	ug/L	94
12) 1,1-Dichloroethene	2.13	96	133571	25.051	ug/L	86
13) Acetone	2.18	43	66587	38.874	ug/L	97
14) Carbon disulfide	2.31	76	265822	20.212	ug/L	99
15) Methyl Acetate	2.45	43	67979	24.314	ug/L	91
16) Methylene chloride	2.53	84	160035	24.411	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	355411	27.680	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	113767	22.493	ug/L	97
19) 1,1-Dichloroethane	3.22	63	219675	25.426	ug/L	99
21) 2-Butanone	4.01	43	88270	47.538	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	137389	23.845	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010407.D
 Acq On : 20 Apr 2019 02:21
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02576

Quant Time: Apr 20 04:39:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 04:30:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	68147	23.631	ug/L	97
25) Chloroform	4.42	83	265177	26.337	ug/L	98
27) 1,2-Dichloroethane	5.17	62	194774	27.076	ug/L	97
30) Cyclohexane	4.72	56	164131	22.381	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	221128	25.066	ug/L	98
32) Carbon tetrachloride	4.87	117	202335	24.309	ug/L	98
34) Benzene	5.14	78	462540	23.688	ug/L	100
35) Trichloroethene	5.96	95	139609	24.166	ug/L	98
36) Methylcyclohexane	6.17	83	178203	21.184	ug/L	94
40) 1,2-Dichloropropane	6.22	63	125573	25.074	ug/L	99
41) Bromodichloromethane	6.55	83	185805	26.438	ug/L	96
42) cis-1,3-Dichloropropene	7.07	75	193837	25.662	ug/L	96
43) 4-Methyl-2-pentanone	7.27	43	207816	53.111	ug/L	98
44) Toluene	7.43	91	533932	24.255	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	180988	25.700	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	113257	25.102	ug/L	99
47) Tetrachloroethene	8.02	164	111379	21.607	ug/L	98
49) 2-Hexanone	8.18	43	129868	47.417	ug/L	98
50) Dibromochloromethane	8.29	129	145987	26.353	ug/L	99
51) 1,2-Dibromoethane	8.40	107	117311	26.218	ug/L #	98
52) Chlorobenzene	8.92	112	376347	24.571	ug/L	98
53) Ethylbenzene	9.05	91	606752	24.261	ug/L	97
54) m,p-Xylene	9.18	106	233455	24.114	ug/L	100
55) o-xylene	9.59	106	231094	24.751	ug/L	96
56) Styrene	9.60	104	389463	24.428	ug/L	92
57) Isopropylbenzene	9.97	105	606680	24.385	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	140966	24.162	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	109713	25.969	ug/L	99
62) Bromoform	9.77	173	84968	27.413	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	299989	24.534	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	300028	23.798	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	291910	24.726	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	23400	24.801	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	216639	21.302	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	175410	21.582	ug/L	98
69) Naphthalene	13.55	128	353302	23.539	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	173417	21.958	ug/L	98

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

