

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009887.D
 Acq On : 26 Mar 2019 02:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Mar 26 07:22:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	184129	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187326	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85792	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97754	51.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.98%
7) Chloroethane-d5	1.56	69	103120	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.48%
11) 1,1-Dichloroethene-d2	2.13	63	266969	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
21) 2-Butanone-d5	3.93	46	86597	103.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.20%
24) Chloroform-d	4.40	84	130873	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	5.08	65	83063	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.10	84	261578	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
36) 1,2-Dichloropropane-d6	6.12	67	79379	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.36	98	246749	49.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.12%
43) trans-1,3-Dichloropropene-	7.66	79	33833	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.44%
47) 2-Hexanone-d5	8.13	63	63853	99.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.31%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120363	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	93621	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	72742	45.168	ug/L 94
3) Chloromethane	1.25	50	78187	45.528	ug/L 97
5) Vinyl chloride	1.33	62	120351	50.647	ug/L 100
6) Bromomethane	1.51	94	96186	47.577	ug/L 96
8) Chloroethane	1.58	64	91773	48.191	ug/L 99
9) Trichlorofluoromethane	1.76	101	252384	48.997	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	133774	47.328	ug/L 98
12) 1,1-Dichloroethene	2.14	96	124754	49.883	ug/L 92
13) Acetone	2.19	43	64560	64.606	ug/L 98
14) Carbon disulfide	2.32	76	144531	43.854	ug/L 99
15) Methyl Acetate	2.46	43	62283	48.482	ug/L 98
16) Methylene chloride	2.54	84	66774	46.982	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	61425	47.234	ug/L 94
18) Methyl tert-butyl Ether	2.81	73	191618	48.698	ug/L 99
19) 1,1-Dichloroethane	3.23	63	116883	48.538	ug/L 96
20) cis-1,2-Dichloroethene	3.96	96	71692	49.105	ug/L 92
22) 2-Butanone	4.02	43	89821	90.324	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35811	49.176	ug/L	96
25) Chloroform	4.43	83	126643	48.544	ug/L	98
27) 1,2-Dichloroethane	5.18	62	104231	49.037	ug/L	99
29) Cyclohexane	4.73	56	100468	48.939	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	102892	49.596	ug/L	95
31) Carbon tetrachloride	4.88	117	88908	49.600	ug/L	97
33) Benzene	5.15	78	275864	50.443	ug/L	100
34) Trichloroethene	5.96	95	67338	49.405	ug/L	98
35) Methylcyclohexane	6.18	83	106252	46.790	ug/L	98
37) 1,2-Dichloropropane	6.22	63	70287	49.937	ug/L	100
38) Bromodichloromethane	6.56	83	87050	49.240	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	101522	50.126	ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	189585	98.422	ug/L	99
42) Toluene	7.43	91	302350	48.342	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	90056	47.839	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	69517	50.414	ug/L	97
46) Tetrachloroethene	8.02	164	53800	48.794	ug/L	99
48) 2-Hexanone	8.19	43	148997	102.021	ug/L	95
49) Dibromochloromethane	8.29	129	70215	48.762	ug/L	96
50) 1,2-Dibromoethane	8.40	107	72782	49.658	ug/L	98
51) Chlorobenzene	8.93	112	193700	46.751	ug/L	98
52) Ethylbenzene	9.06	91	330573	47.003	ug/L	100
53) m,p-Xylene	9.18	106	127004	46.338	ug/L	98
54) o-xylene	9.59	106	127137	45.396	ug/L	96
55) Styrene	9.60	104	218227	46.996	ug/L	100
56) Isopropylbenzene	9.98	105	336015	47.155	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	119139	47.093	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	87912	46.312	ug/L	99
61) Bromoform	9.78	173	42686	44.829	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	136268	46.369	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	142843	46.360	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	148542	47.845	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	17375	43.872	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	91617	45.694	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	72412	45.328	ug/L	100
69) Naphthalene	13.55	128	205942	49.019	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	76772	47.506	ug/L	99

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

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