

Data File : VV009894.D
Acq On : 26 Mar 2019 14:41
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV65

Quant Time: Mar 27 01:40:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 14:58:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172899	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	177428	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87640	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76330	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
7) Chloroethane-d5	1.57	69	80634	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
10) 1,1-Dichloroethene-d2	2.13	63	222042	23.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.56%
20) 2-Butanone-d5	3.93	46	35604	54.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.92%
24) Chloroform-d	4.40	84	101960	23.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	62845	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.84%
29) Benzene-d6	5.10	84	214733	23.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.20%
33) 1,2-Dichloropropane-d6	6.12	67	63438	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.08%
37) Toluene-d8	7.36	98	197437	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.56%
38) trans-1,3-Dichloropropene-	7.66	79	27369	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.16%
39) 2-Hexanone-d5	8.13	63	26825	52.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67952	25.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	73980	22.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.68%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	69421	25.934	ug/L 98
3) Chloromethane	1.25	50	72422	23.411	ug/L 94
5) Vinyl chloride	1.32	62	104330	25.938	ug/L 97
6) Bromomethane	1.51	94	100520	25.055	ug/L 98
8) Chloroethane	1.59	64	80222	23.151	ug/L 100
9) Trichlorofluoromethane	1.76	101	227821	26.559	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	129796	26.033	ug/L 98
12) 1,1-Dichloroethene	2.14	96	113932	26.937	ug/L 96
13) Acetone	2.18	43	61325	61.951	ug/L 99
14) Carbon disulfide	2.31	76	150409	26.284	ug/L 98
15) Methyl Acetate	2.46	43	34701	29.927	ug/L 96
16) Methylene chloride	2.53	84	66415	23.326	ug/L 99
17) Methyl tert-butyl Ether	2.80	73	151193	27.395	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	58263	25.718	ug/L 98
19) 1,1-Dichloroethane	3.23	63	110530	26.679	ug/L 94
21) 2-Butanone	4.01	43	54362	61.662	ug/L 91
22) cis-1,2-Dichloroethene	3.96	96	67167	26.851	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	32103	27.794	ug/L	91
25) Chloroform	4.42	83	125004	27.289	ug/L	96
27) 1,2-Dichloroethane	5.17	62	87105	26.838	ug/L	99
30) Cyclohexane	4.72	56	95382	26.662	ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	96059	27.053	ug/L	99
32) Carbon tetrachloride	4.87	117	82443	26.713	ug/L	99
34) Benzene	5.14	78	253567	26.025	ug/L	100
35) Trichloroethene	5.96	95	62959	24.498	ug/L	98
36) Methylcyclohexane	6.17	83	107936	26.768	ug/L	98
40) 1,2-Dichloropropane	6.22	63	64684	26.568	ug/L #	95
41) Bromodichloromethane	6.55	83	80532	26.598	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	97387	27.436	ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	105221	60.562	ug/L	98
44) Toluene	7.43	91	280718	26.135	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	81472	28.039	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	55078	27.353	ug/L	99
47) Tetrachloroethene	8.02	164	52269	25.774	ug/L	97
49) 2-Hexanone	8.18	43	75049	63.913	ug/L	98
50) Dibromochloromethane	8.29	129	57973	27.766	ug/L	96
51) 1,2-Dibromoethane	8.40	107	53672	27.452	ug/L #	99
52) Chlorobenzene	8.92	112	187914	26.280	ug/L	98
53) Ethylbenzene	9.05	91	314820	26.570	ug/L	100
54) m,p-Xylene	9.18	106	120805	25.959	ug/L	92
55) o-xylene	9.59	106	119979	26.562	ug/L	97
56) Styrene	9.60	104	201673	25.993	ug/L	96
57) Isopropylbenzene	9.97	105	317206	27.069	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	75347	27.761	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	54152	27.645	ug/L	100
62) Bromoform	9.77	173	29378	26.061	ug/L	92
63) 1,3-Dichlorobenzene	11.23	146	144329	26.626	ug/L	97
64) 1,4-Dichlorobenzene	11.32	146	145426	24.686	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	137457	25.694	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	9681	28.954	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	104013	27.019	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	79385	27.955	ug/L	98
69) Naphthalene	13.55	128	141103	29.892	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	73916	27.375	ug/L	99

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

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ClientSampleId :
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