

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111518\
 Data File : VV008572.D
 Acq On : 15 Nov 2018 16:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV73

Quant Time: Nov 16 04:20:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 04:13:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270379	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	249480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85888	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.62%
7) Chloroethane-d5	1.56	69	59566	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	147175	47.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.00%
21) 2-Butanone-d5	3.93	46	157534	103.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.11%
24) Chloroform-d	4.40	84	192608	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	5.08	65	123807	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
32) Benzene-d6	5.10	84	389791	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
36) 1,2-Dichloropropane-d6	6.12	67	125546	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.24%
41) Toluene-d8	7.36	98	353307	48.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.74%
43) trans-1,3-Dichloropropene-	7.66	79	61771	49.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.10%
47) 2-Hexanone-d5	8.13	63	116722	104.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.77%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	169726	50.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.98%
64) 1,2-Dichlorobenzene-d4	11.68	152	132036	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	102855	48.992	ug/L 99
3) Chloromethane	1.25	50	99843	53.943	ug/L 98
5) Vinyl chloride	1.32	62	93716	51.198	ug/L 99
6) Bromomethane	1.51	94	28109	46.538	ug/L 98
8) Chloroethane	1.58	64	50136	50.165	ug/L 98
9) Trichlorofluoromethane	1.76	101	122653	48.711	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72546	50.431	ug/L 99
12) 1,1-Dichloroethene	2.14	96	64012	49.829	ug/L 98
13) Acetone	2.19	43	117712	102.188	ug/L 99
14) Carbon disulfide	2.32	76	257971	49.071	ug/L 100
15) Methyl Acetate	2.45	43	115234	50.966	ug/L 99
16) Methylene chloride	2.53	84	101286	49.166	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	91858	49.896	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	320091	50.627	ug/L 99
19) 1,1-Dichloroethane	3.23	63	177580	50.437	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	103921	49.658	ug/L 98
22) 2-Butanone	4.01	43	173152	103.720	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	50521	51.034	uq/L	98
25) Chloroform	4.43	83	186101	47.086	uq/L	97
27) 1,2-Dichloroethane	5.18	62	146938	51.456	uq/L	98
29) Cyclohexane	4.73	56	172973	48.422	uq/L	98
30) 1,1,1-Trichloroethane	4.66	97	156019	48.801	uq/L	99
31) Carbon tetrachloride	4.87	117	134882	48.780	uq/L	99
33) Benzene	5.15	78	391685	48.890	uq/L	100
34) Trichloroethene	5.96	95	101821	48.499	uq/L	98
35) Methylcyclohexane	6.18	83	176274	49.310	uq/L	98
37) 1,2-Dichloropropane	6.22	63	106051	48.940	uq/L	100
38) Bromodichloromethane	6.56	83	132800	48.681	uq/L	98
39) cis-1,3-Dichloropropene	7.07	75	169737	51.280	uq/L	99
40) 4-Methyl-2-pentanone	7.27	43	296843	102.060	uq/L	100
42) Toluene	7.43	91	408754	49.092	uq/L	99
44) trans-1,3-Dichloropropene	7.69	75	155353	51.080	uq/L	100
45) 1,1,2-Trichloroethane	7.88	97	98408	50.745	uq/L	99
46) Tetrachloroethene	8.02	164	75951	50.466	uq/L	94
48) 2-Hexanone	8.18	43	231637	103.635	uq/L	99
49) Dibromochloromethane	8.29	129	103448	50.392	uq/L	97
50) 1,2-Dibromoethane	8.40	107	102682	50.702	uq/L #	99
51) Chlorobenzene	8.93	112	263492	50.642	uq/L	100
52) Ethylbenzene	9.06	91	459861	50.161	uq/L	99
53) m,p-Xylene	9.18	106	170634	50.856	uq/L	97
54) o-xylene	9.59	106	166920	50.194	uq/L	99
55) Styrene	9.60	104	279090	51.299	uq/L	99
56) Isopropylbenzene	9.98	105	448531	51.236	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	162862	51.801	uq/L	100
59) 1,2,3-Trichloropropane	10.32	75	132212	51.309	uq/L	98
61) Bromoform	9.78	173	69913	49.023	uq/L	97
62) 1,3-Dichlorobenzene	11.23	146	196540	50.382	uq/L	99
63) 1,4-Dichlorobenzene	11.32	146	196172	50.183	uq/L	99
65) 1,2-Dichlorobenzene	11.69	146	200823	50.334	uq/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	34266	48.071	uq/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	136232	50.967	uq/L	100
68) 1,2,4-trichlorobenzene	13.31	180	109729	51.765	uq/L	99
69) Naphthalene	13.56	128	320419	51.624	uq/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	109148	51.148	uq/L	99

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

