

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031719\
 Data File : VV009733.D
 Acq On : 16 Mar 2019 16:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV67

Quant Time: Mar 18 07:44:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 07:41:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	147118	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66125	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49084	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.96%
7) Chloroethane-d5	1.56	69	38759	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.92%
11) 1,1-Dichloroethene-d2	2.12	63	101469	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.08%
21) 2-Butanone-d5	3.93	46	60622	102.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.40	84	90629	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
26) 1,2-Dichloroethane-d4	5.08	65	56423	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
32) Benzene-d6	5.10	84	187425	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.12	67	55870	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.20%
41) Toluene-d8	7.36	98	185198	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.66	79	27979	49.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.76%
47) 2-Hexanone-d5	8.13	63	48785	101.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87928	48.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	70876	52.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.94%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	51575	47.328	ug/L	98
3) Chloromethane	1.25	50	49138	48.318	ug/L	96
5) Vinyl chloride	1.32	62	52576	48.142	ug/L	99
6) Bromomethane	1.51	94	28016	48.171	ug/L	100
8) Chloroethane	1.58	64	30716	46.268	ug/L	97
9) Trichlorofluoromethane	1.76	101	86195	47.138	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	47898	47.331	ug/L	99
12) 1,1-Dichloroethene	2.14	96	42393	48.334	ug/L	89
13) Acetone	2.19	43	47434	84.763	ug/L	96
14) Carbon disulfide	2.31	76	124957	48.857	ug/L	100
15) Methyl Acetate	2.46	43	43400	45.988	ug/L	99
16) Methylene chloride	2.53	84	49105	48.190	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	44770	47.660	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	141813	47.765	ug/L	99
19) 1,1-Dichloroethane	3.23	63	81474	49.451	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	52976	49.256	ug/L	94
22) 2-Butanone	4.02	43	66679	94.414	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26933	49.480	ug/L	99
25) Chloroform	4.43	83	86616	47.681	ug/L	99
27) 1,2-Dichloroethane	5.18	62	64625	47.812	ug/L	99
29) Cyclohexane	4.73	56	72453	45.410	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	75301	46.410	ug/L	99
31) Carbon tetrachloride	4.87	117	63327	47.245	ug/L	98
33) Benzene	5.15	78	191974	47.177	ug/L	100
34) Trichloroethene	5.96	95	49885	47.033	ug/L	99
35) Methylcyclohexane	6.18	83	80992	46.400	ug/L	99
37) 1,2-Dichloropropane	6.22	63	48918	47.140	ug/L #	95
38) Bromodichloromethane	6.56	83	64564	47.348	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	77458	48.864	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	128097	94.012	ug/L	100
42) Toluene	7.43	91	214568	47.315	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	73198	48.762	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	50152	46.723	ug/L	99
46) Tetrachloroethene	8.02	164	40511	45.755	ug/L	97
48) 2-Hexanone	8.19	43	92440	91.142	ug/L	99
49) Dibromochloromethane	8.29	129	55070	47.824	ug/L	98
50) 1,2-Dibromoethane	8.40	107	53547	47.843	ug/L	98
51) Chlorobenzene	8.93	112	145382	47.749	ug/L	99
52) Ethylbenzene	9.06	91	244820	47.598	ug/L	99
53) m,p-Xylene	9.18	106	92865	46.735	ug/L	98
54) o-Xylene	9.59	106	93663	46.874	ug/L	98
55) Styrene	9.61	104	154090	47.311	ug/L	97
56) Isopropylbenzene	9.98	105	246735	47.453	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	86292	46.261	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	64267	47.071	ug/L	99
61) Bromoform	9.78	173	37840	48.141	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	107250	49.439	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	106743	48.773	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	110264	49.814	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	15411	50.124	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	71698	51.968	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	52458	54.250	ug/L	97
69) Naphthalene	13.55	128	145398	52.546	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	55248	56.992	ug/L	99

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

