

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009860.D
 Acq On : 25 Mar 2019 14:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV69

Quant Time: Mar 26 07:05:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:03:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	204232	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	212235	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107155	51.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.76%
7) Chloroethane-d5	1.56	69	130538	55.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.26%
11) 1,1-Dichloroethene-d2	2.13	63	303491	49.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.74%
21) 2-Butanone-d5	3.93	46	98766	106.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.11%
24) Chloroform-d	4.40	84	151081	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.08	65	97586	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
32) Benzene-d6	5.10	84	309076	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.30%
36) 1,2-Dichloropropane-d6	6.12	67	92750	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.38%
41) Toluene-d8	7.36	98	302198	53.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.14%
43) trans-1,3-Dichloropropene-	7.66	79	45090	55.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.10%
47) 2-Hexanone-d5	8.13	63	79146	108.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.65%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	148616	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	121202	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	75742	42.401	ug/L	99
3) Chloromethane	1.25	50	78757	41.346	ug/L	97
5) Vinyl chloride	1.32	62	113164	42.935	ug/L	96
6) Bromomethane	1.51	94	96747	43.144	ug/L	97
8) Chloroethane	1.58	64	88930	42.102	ug/L	96
9) Trichlorofluoromethane	1.76	101	246056	43.067	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	141657	45.184	ug/L	97
12) 1,1-Dichloroethene	2.14	96	121148	43.673	ug/L	88
13) Acetone	2.19	43	98355	88.737	ug/L	97
14) Carbon disulfide	2.31	76	153228	41.916	ug/L	99
15) Methyl Acetate	2.46	43	59798	41.966	ug/L	99
16) Methylene chloride	2.53	84	66726	42.327	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	62775	43.520	ug/L	88
18) Methyl tert-butyl Ether	2.80	73	189332	43.381	ug/L	99
19) 1,1-Dichloroethane	3.23	63	115764	43.341	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	71886	44.391	ug/L	91
22) 2-Butanone	4.02	43	103249	93.608	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	34848	43.143	ug/L	95
25) Chloroform	4.42	83	120738	41.725	ug/L	97
27) 1,2-Dichloroethane	5.18	62	97797	41.481	ug/L	99
29) Cyclohexane	4.72	56	105196	45.228	ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	103258	43.931	ug/L	99
31) Carbon tetrachloride	4.87	117	88981	43.815	ug/L	98
33) Benzene	5.15	78	265598	42.866	ug/L	100
34) Trichloroethene	5.96	95	64041	41.471	ug/L	96
35) Methylcyclohexane	6.18	83	112309	43.653	ug/L	96
37) 1,2-Dichloropropane	6.22	63	71095	44.583	ug/L	99
38) Bromodichloromethane	6.56	83	86755	43.313	ug/L #	99
39) cis-1,3-Dichloropropene	7.07	75	104519	45.549	ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	192889	88.384	ug/L	98
42) Toluene	7.43	91	300908	42.465	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	96011	45.016	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	66490	42.560	ug/L	98
46) Tetrachloroethene	8.02	164	54502	43.629	ug/L	97
48) 2-Hexanone	8.18	43	161534	97.624	ug/L	96
49) Dibromochloromethane	8.29	129	70886	43.450	ug/L	94
50) 1,2-Dibromoethane	8.40	107	72443	43.626	ug/L	94
51) Chlorobenzene	8.93	112	201978	43.028	ug/L	99
52) Ethylbenzene	9.06	91	347036	43.552	ug/L	99
53) m,p-Xylene	9.18	106	135248	43.554	ug/L	99
54) o-xylene	9.59	106	135928	42.838	ug/L	97
55) Styrene	9.60	104	226551	43.063	ug/L	98
56) Isopropylbenzene	9.98	105	354438	43.902	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	123826	43.201	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	89222	41.486	ug/L	99
61) Bromoform	9.78	173	44606	38.180	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	153547	42.584	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	156300	41.344	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	157939	41.461	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	18940	38.977	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	109016	44.314	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	82585	42.133	ug/L	98
69) Naphthalene	13.55	128	228579	44.343	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	87307	44.031	ug/L	99

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

