

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102419\
 Data File : VV013317.D
 Acq On : 24 Oct 2019 15:26
 Operator : SY/MD
 Sample : K5308-01DL 4X
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2J19

Quant Time: Oct 25 16:46:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 13:28:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1280604	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1242782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	611748	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	374697	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.28%
7) Chloroethane-d5	1.58	69	311739	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.16%
11) 1,1-Dichloroethene-d2	2.13	63	476059	38.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.66%
21) 2-Butanone-d5	3.92	46	591330	103.96	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.96%
24) Chloroform-d	4.40	84	817197	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
26) 1,2-Dichloroethane-d4	5.08	65	519772	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
32) Benzene-d6	5.10	84	1730541	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
36) 1,2-Dichloropropane-d6	6.11	67	542017	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.50%
41) Toluene-d8	7.36	98	1612858	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%
43) trans-1,3-Dichloropropene-	7.66	79	246785	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.42%
47) 2-Hexanone-d5	8.13	63	406818	113.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.37%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	700390	44.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	684039	48.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.46%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	20392	1.852 ug/L	98
3) Chloromethane	1.25	50	24265	2.925 ug/L	97
6) Bromomethane	1.53	94	12145	2.767 ug/L	91
9) Trichlorofluoromethane	1.77	101	39630	3.329 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47446	7.051 ug/L	92
13) Acetone	2.18	43	497345	118.329 ug/L	95
15) Methyl Acetate	2.45	43	163213	18.657 ug/L	100
16) Methylene chloride	2.54	84	34915	3.623 ug/L	97
18) Methyl tert-butyl Ether	2.80	73	545120	21.030 ug/L	100
22) 2-Butanone	4.01	43	93398	15.497 ug/L	96
27) 1,2-Dichloroethane	5.18	62	155141	12.867 ug/L	99
29) Cyclohexane	4.73	56	21240	1.475 ug/L	97
34) Trichloroethene	5.96	95	53032	5.366 ug/L	98
35) Methylcyclohexane	6.18	83	76706	5.106 ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	346010	29.284 ug/L	98
42) Toluene	7.43	91	361291	9.336 ug/L	100
46) Tetrachloroethene	8.02	164	23931	2.715 ug/L	96

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48) 2-Hexanone	8.18	43	272941	28.458	ug/L	98
51) Chlorobenzene	8.92	112	125079	4.753	ug/L	95
52) Ethylbenzene	9.05	91	205165	5.018	ug/L	99
53) m,p-Xylene	9.17	106	224246	14.123	ug/L	99
54) o-xylene	9.59	106	110016	7.105	ug/L	99
55) Styrene	9.60	104	301683	11.488	ug/L	100
56) Isopropylbenzene	9.97	105	388215	9.813	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	95568	4.659	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	104912	5.153	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	61589	4.934	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	195008	14.582	ug/L	98

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

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