

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008673.D
 Acq On : 20 Nov 2018 14:56
 Operator : SY/MD
 Sample : J6002-01
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2E76

Quant Time: Nov 21 09:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	288252	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	258883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89875	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.40%
7) Chloroethane-d5	1.57	69	39655	35.70	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.40%
11) 1,1-Dichloroethene-d2	2.13	63	132821	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
21) 2-Butanone-d5	3.94	46	144239	87.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.02%
24) Chloroform-d	4.40	84	181788	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.08	65	120536	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
32) Benzene-d6	5.10	84	388953	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	120902	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.06%
41) Toluene-d8	7.36	98	347539	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	7.67	79	50396	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
47) 2-Hexanone-d5	8.14	63	106365	93.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.45%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146074	42.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	117414	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%

Target Compounds

						Qvalue
3) Chloromethane	1.25	50	42245	18.68	ug/L	98
5) Vinyl chloride	1.32	62	28925	13.18	ug/L	90
6) Bromomethane	1.53	94	5485	7.41	ug/L	95
12) 1,1-Dichloroethene	2.14	96	23280	15.91	ug/L #	46
15) Methyl Acetate	2.46	43	35422	13.70	ug/L	95
16) Methylene chloride	2.53	84	49058	21.64	ug/L	96
25) Chloroform	4.43	83	85633	21.13	ug/L	95
27) 1,2-Dichloroethane	5.18	62	63935	20.36	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	65684	20.53	ug/L	95
33) Benzene	5.15	78	177317	21.30	ug/L	100
34) Trichloroethene	5.96	95	43693	19.81	ug/L	92
37) 1,2-Dichloropropane	6.22	63	46614	20.74	ug/L #	94
39) cis-1,3-Dichloropropene	7.07	75	47341	14.82	ug/L	95
42) Toluene	7.43	91	229595	26.53	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	37091	12.76	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	43307	21.11	ug/L	94
46) Tetrachloroethene	8.02	164	31829	19.98	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.06	91	237102	24.97	ug/L	100
53) m,p-Xylene	9.19	106	90301	25.88	ug/L	91
62) 1,3-Dichlorobenzene	11.23	146	99114	25.40	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	77893	19.59	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	102388	25.42	ug/L	95

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

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