

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112018\
 Data File : VV008685.D
 Acq On : 20 Nov 2018 19:49
 Operator : SY/MD
 Sample : J5997-05MSD 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA3MSD

Manual Integrations
 APPROVED

apatel
 11/21/2018 11:56:35 AM

Quant Time: Nov 21 16:18:04 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	5.67	114	267984	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110320	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77856	41.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.36%
7) Chloroethane-d5	1.57	69	37899	36.70	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.13	63	145707	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.40%
21) 2-Butanone-d5	3.94	46	141431	91.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.78%
24) Chloroform-d	4.41	84	165462	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.42%
26) 1,2-Dichloroethane-d4	5.08	65	113701	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.10	84	355793	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.12	67	113394	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.74%
41) Toluene-d8	7.36	98	319167	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%
43) trans-1,3-Dichloropropene-	7.67	79	42271	39.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.96%
47) 2-Hexanone-d5	8.14	63	97255	89.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.85%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	136463	41.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	111605	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	71001	52.183	ug/L	91
20) cis-1,2-Dichloroethene	3.97	96	6672	3.092	ug/L	76
29) Cyclohexane	4.73	56	6877	2.062	ug/L #	100
33) Benzene	5.15	78	410909	51.918	ug/L	100
34) Trichloroethene	5.96	95	102898	49.057	ug/L	91
35) Methylcyclohexane	6.18	83	48557	14.020	ug/L	96
42) Toluene	7.44	91	18954827m	2302.921	ug/L	
51) Chlorobenzene	8.93	112	266547	50.901	ug/L	93
52) Ethylbenzene	9.06	91	547949	60.677	ug/L	99
53) m,p-Xylene	9.18	106	637067	191.977	ug/L	91
54) o-xylene	9.59	106	198704	60.217	ug/L	93
56) Isopropylbenzene	9.98	105	15441	1.780	ug/L	96

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

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