

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112618\
 Data File : VV008716.D
 Acq On : 26 Nov 2018 15:44
 Operator : SY/MD
 Sample : J6036-05
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0928

Manual Integrations
 APPROVED

apatel
 11/27/2018 1:58:13 PM

Quant Time: Nov 27 04:03:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 27 03:11:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	285975	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.93	117	245266	50.00	ug/L	0.04
60) 1,4-Dichlorobenzene-d4	11.31	152	151630	50.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83011	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.30%
7) Chloroethane-d5	1.56	69	64972	58.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.90%
11) 1,1-Dichloroethene-d2	2.13	63	118545	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
21) 2-Butanone-d5	3.93	46	151317	92.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.02%
24) Chloroform-d	4.41	84	211821	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	5.09	65	127814	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.11	84	401142	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
36) 1,2-Dichloropropane-d6	6.12	67	128014	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.36%
41) Toluene-d8	7.36	98	375650	54.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.72%
43) trans-1,3-Dichloropropene-	7.67	79	58918	55.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.46%
47) 2-Hexanone-d5	8.14	63	112287	104.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.13%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	179436	55.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.32%
64) 1,2-Dichlorobenzene-d4	11.71	152	146315	44.21	ug/L	0.03
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.42%

Target Compounds

					Ovalue
13) Acetone	2.19	43	25640	15.759 ug/L	98
25) Chloroform	4.43	83	507212	126.134 ug/L	96
29) Cyclohexane	4.73	56	30924	9.307 ug/L #	100
31) Carbon tetrachloride	4.88	117	220495	87.484 ug/L	97
33) Benzene	5.15	78	24443240m	3099.902 ug/L	
35) Methylcyclohexane	6.18	83	13249	3.840 ug/L #	80
38) Bromodichloromethane	6.56	83	5042	1.975 ug/L	83
42) Toluene	7.43	91	15016	1.831 ug/L	98
46) Tetrachloroethene	8.02	164	4310	2.856 ug/L	95
51) Chlorobenzene	8.93	112	46379913m	8889.967 ug/L	
62) 1,3-Dichlorobenzene	11.24	146	7416827	1459.748 ug/L	95
63) 1,4-Dichlorobenzene	11.33	146	29263149m	5651.178 ug/L	
65) 1,2-Dichlorobenzene	11.71	146	34077733m	6497.966 ug/L	
68) 1,2,4-trichlorobenzene	13.32	180	8194695	3052.734 ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	1977914	716.562 ug/L	98

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

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