

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015182.D
 Acq On : 26 Mar 2020 22:12
 Operator : SY/MD
 Sample : L1968-16 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 05:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	588099	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	569169	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	259040	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205934	65.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	130.54%
7) Chloroethane-d5	1.58	69	196128m	61.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.32%
11) 1,1-Dichloroethene-d2	2.12	63	326601	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
21) 2-Butanone-d5	3.94	46	286833	91.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.30%
24) Chloroform-d	4.38	84	359021	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
26) 1,2-Dichloroethane-d4	5.06	65	245062	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
32) Benzene-d6	5.08	84	734239	62.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.42%#
36) 1,2-Dichloropropane-d6	6.09	67	232690	55.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.20%
41) Toluene-d8	7.34	98	710886	67.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	134.02%#
43) trans-1,3-Dichloropropene-	7.64	79	114527	49.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.58%
47) 2-Hexanone-d5	8.11	63	231673	93.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	344349	48.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	256630m	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.41	83	34013	4.336	ug/L	98
31) Carbon tetrachloride	4.85	117	8938	1.475	ug/L	97
33) Benzene	5.13	78	1786805	105.448	ug/L	100
51) Chlorobenzene	8.90	112	5851345	484.584	ug/L	97
62) 1,3-Dichlorobenzene	11.21	146	196491	22.623	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	1873287	213.510	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1967272	223.406	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	307075	57.927	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	86869	16.366	ug/L	99

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

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