

Data File : VV014987.D
Acq On : 17 Mar 2020 20:38
Operator : SY/MD
Sample : L1941-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 18 07:16:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327176	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82501	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.70%
7) Chloroethane-d5	1.58	69	64291	39.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.42%
11) 1,1-Dichloroethene-d2	2.12	63	105420	31.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.04%
21) 2-Butanone-d5	3.93	46	108187m	81.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.40%
24) Chloroform-d	4.38	84	193636	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	5.06	65	131977	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
32) Benzene-d6	5.08	84	401804	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.10	67	117641	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.46%
41) Toluene-d8	7.34	98	394706	43.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.34%
43) trans-1,3-Dichloropropene-	7.64	79	53674	37.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.20%
47) 2-Hexanone-d5	8.12	63	108098	88.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172422	43.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	185020	43.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.72%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.77	101	28764	8.523	ug/L	99
25) Chloroform	4.41	83	9739	2.274	ug/L	93
33) Benzene	5.13	78	273269	30.273	ug/L	100
51) Chlorobenzene	8.90	112	1028473	147.038	ug/L	98
52) Ethylbenzene	9.04	91	8621	0.745	ug/L	97
54) o-xylene	9.57	106	10255	2.302	ug/L	94
62) 1,3-Dichlorobenzene	11.20	146	1091865	172.074	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	14022793	2193.862	ug/L	92
65) 1,2-Dichlorobenzene	11.67	146	4028384	635.554	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	1125976	253.929	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	214947	48.970	ug/L	99

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

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