

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015225.D
 Acq On : 28 Mar 2020 05:09
 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 07:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	675770	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.92	117	909576	50.00	ug/L	0.04
60) 1,4-Dichlorobenzene-d4	11.31	152	513255m	50.00	ug/L	0.04

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	139194	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.52%
7) Chloroethane-d5	1.58	69	137715m	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.72%
11) 1,1-Dichloroethene-d2	2.12	63	227754	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	3.94	46	210769	64.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.89%
24) Chloroform-d	4.38	84	323065	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.06	65	186191	39.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.90%
32) Benzene-d6	5.08	84	544020	33.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.94%#
36) 1,2-Dichloropropane-d6	6.10	67	183124	30.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	61.06%#
41) Toluene-d8	7.34	98	522758	37.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.08%#
43) trans-1,3-Dichloropropene-	7.64	79	91141	28.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.86%#
47) 2-Hexanone-d5	8.12	63	177769	51.34	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	51.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	303889	28.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	57.52%#
64) 1,2-Dichlorobenzene-d4	11.68	152	413925m	47.28	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%

Target Compounds

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13) Acetone	2.21	43	37260m	19.650	ug/L
25) Chloroform	4.40	83	959428	110.629	ug/L
29) Cyclohexane	4.70	56	47347	4.752	ug/L
31) Carbon tetrachloride	4.86	117	397689	43.461	ug/L
33) Benzene	5.11	78	32447466m	1272.479	ug/L
34) Trichloroethene	5.95	95	6186	0.906	ug/L
35) Methylcyclohexane	6.15	83	19041	1.825	ug/L #
38) Bromodichloromethane	6.54	83	10341	1.100	ug/L
42) Toluene	7.41	91	27144	0.963	ug/L
46) Tetrachloroethene	8.00	164	6851	1.550	ug/L
51) Chlorobenzene	8.90	112	49117535m	2676.520	ug/L
62) 1,3-Dichlorobenzene	11.21	146	17277954m	1081.455	ug/L
63) 1,4-Dichlorobenzene	11.30	146	34504385m	2148.924	ug/L
65) 1,2-Dichlorobenzene	11.67	146	39078523m	2385.895	ug/L
67) 1,3,5-Trichlorobenzene	12.67	180	21291	2.099	ug/L
68) 1,2,4-trichlorobenzene	13.29	180	19571996m	2074.895	ug/L
70) 1,2,3-Trichlorobenzene	13.77	180	7233367	747.812	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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