

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032420\
 Data File : VV015121.D
 Acq On : 24 Mar 2020 14:12
 Operator : SY/MD
 Sample : L1968-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD5

Manual Integrations
 APPROVED

apatel
 3/25/2020 4:52:43 PM

Quant Time: Mar 25 03:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 01:10:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	757257	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	724297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	346973	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	267327	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.44%
7) Chloroethane-d5	1.58	69	243352	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.12	63	397237	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.04%
21) 2-Butanone-d5	3.93	46	368245	80.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.80%
24) Chloroform-d	4.38	84	433144	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	5.06	65	281465	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.62%
32) Benzene-d6	5.07	84	893106	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
36) 1,2-Dichloropropane-d6	6.09	67	285558	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.54%
41) Toluene-d8	7.34	98	871439	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%
43) trans-1,3-Dichloropropene-	7.64	79	151787	40.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.06%
47) 2-Hexanone-d5	8.11	63	294367	81.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	412856	41.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	332541	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%

Target Compounds

					Ovalue
33) Benzene	5.13	78	230396	10.476	ug/L 100
51) Chlorobenzene	8.90	112	1531334	101.876	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	264515	22.933	ug/L 100
63) 1,4-Dichlorobenzene	11.30	146	1041823	89.353	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	296943	24.704	ug/L 98
67) 1,3,5-Trichlorobenzene	12.67	180	3959m	0.501	ug/L
68) 1,2,4-trichlorobenzene	13.29	180	111834	14.900	ug/L 97
70) 1,2,3-Trichlorobenzene	13.77	180	10173	1.316	ug/L 97

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

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