

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016942.D
 Acq On : 15 Jun 2020 18:15
 Operator : SY/MD
 Sample : L2947-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE0

Manual Integrations
 APPROVED

sam
 6/16/2020 2:22:26 PM

Quant Time: Jun 16 08:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332680	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161143	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90394	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.02%
7) Chloroethane-d5	1.56	69	65455	46.47	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.12	63	166044	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.24%
21) 2-Butanone-d5	3.89	46	149617	86.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.11%
24) Chloroform-d	4.37	84	210442	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
26) 1,2-Dichloroethane-d4	5.05	65	148354	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
32) Benzene-d6	5.07	84	404453	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.09	67	125648	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.46%
41) Toluene-d8	7.34	98	377480	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.64	79	65356	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.11	63	100176	81.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166059	44.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	167614	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	13562	5.718	ug/L	83
8) Chloroethane	1.58	64	11536	9.846	ug/L	97
12) 1,1-Dichloroethene	2.13	96	68371	41.408	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	2179	0.968	ug/L	91
19) 1,1-Dichloroethane	3.21	63	1826012	430.897	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	22704	9.250	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	5950553	1492.670	ug/L	98
33) Benzene	5.13	78	22571	2.440	ug/L	100
34) Trichloroethene	5.94	95	2255	0.909	ug/L	90
42) Toluene	7.41	91	11185	1.147	ug/L	94
45) 1,1,2-Trichloroethane	7.86	97	1626m	0.701	ug/L	
51) Chlorobenzene	8.90	112	32326	5.082	ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	11639	2.276	ug/L #	82

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

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