

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV017009.D
 Acq On : 19 Jun 2020 18:58
 Operator : SY/MD
 Sample : L3074-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M21

Quant Time: Jun 20 04:53:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	374537	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	368029	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183655	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123287	46.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.30%
7) Chloroethane-d5	1.58	69	74698	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.12	63	177896	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.18%
21) 2-Butanone-d5	3.93	46	173221	88.56	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.38	84	245376	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.06	65	174749	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
32) Benzene-d6	5.08	84	466177	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
36) 1,2-Dichloropropane-d6	6.10	67	147837	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.40%
41) Toluene-d8	7.34	98	437675	44.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.92%
43) trans-1,3-Dichloropropene-	7.64	79	72082	41.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.70%
47) 2-Hexanone-d5	8.11	63	128781	89.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189441	43.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	181928	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1816845	680.370	ug/L	99
12) 1,1-Dichloroethene	2.14	96	28426	15.292	ug/L #	29
13) Acetone	2.20	43	3710	2.879	ug/L	67
17) trans-1,2-Dichloroethene	2.78	96	109528	43.214	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	53975	6.427	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	18309735	6626.354	ug/L #	92
33) Benzene	5.13	78	23939	2.198	ug/L	100
34) Trichloroethene	5.94	95	7404723	2535.548	ug/L	97
42) Toluene	7.41	91	36887	3.213	ug/L	96
46) Tetrachloroethene	8.02	164	13717735	5972.530	ug/L	95
51) Chlorobenzene	8.91	112	6812	0.910	ug/L	96
53) m,p-Xylene	9.16	106	4673	0.987	ug/L	92

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

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