

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015232.D
 Acq On : 28 Mar 2020 07:58
 Operator : SY/MD
 Sample : L1976-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTK6

Manual Integrations
 APPROVED

apatel
 3/31/2020 9:23:52 AM

Quant Time: Mar 30 01:41:13 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	590653	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	558439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	237777	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	123296	51.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.90%
7) Chloroethane-d5	1.58	69	130256	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.12	63	197144	32.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.78%
21) 2-Butanone-d5	3.94	46	211853	74.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.62%
24) Chloroform-d	4.38	84	273760	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
26) 1,2-Dichloroethane-d4	5.06	65	184382	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
32) Benzene-d6	5.08	84	500733	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
36) 1,2-Dichloropropane-d6	6.10	67	168125	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.30%
41) Toluene-d8	7.34	98	443772	51.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.42%
43) trans-1,3-Dichloropropene-	7.64	79	83189	42.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.54%
47) 2-Hexanone-d5	8.12	63	172522	81.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	257252	39.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	175718	43.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	14097	2.682	ug/L #	47
20) cis-1,2-Dichloroethene	3.95	96	12561m	2.762	ug/L	
25) Chloroform	4.41	83	8554	1.128	ug/L	100
34) Trichloroethene	5.94	95	1442661	343.999	ug/L	96
51) Chlorobenzene	8.90	112	23740	2.107	ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	20318	2.731	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	15158	1.998	ug/L #	88
68) 1,2,4-trichlorobenzene	13.29	180	5904	1.351	ug/L	95

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

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