

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017081.D
 Acq On : 24 Jun 2020 19:05
 Operator : SY/MD
 Sample : L3105-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXK8

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 3:38:03 PM

Quant Time: Jun 25 02:52:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176410	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	169255	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83185	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49097	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	32523	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.13	63	78130	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.92	46	125681	46.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	4.38	84	105340	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	57115	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.08	84	199944	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.10	67	59431	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.34	98	178230	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
45) trans-1,3-Dichloropropene-	7.65	79	22955	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
48) 2-Hexanone-d5	8.11	63	92082	44.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42862	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	74642	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1181923	102.102	ug/L	100
8) Chloroethane	1.60	64	1364m	0.213	ug/L	
12) 1,1-Dichloroethene	2.14	96	28845	3.407	ug/L	87
13) Acetone	2.20	43	11921	8.739	ug/L	95
18) trans-1,2-Dichloroethene	2.78	96	21653	2.413	ug/L	98
19) 1,1-Dichloroethane	3.21	63	600717	29.800	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	644629	52.542	ug/L	100
25) Chloroform	4.41	83	21670	0.984	ug/L	96
27) 1,2-Dichloroethane	5.16	62	20685	1.512	ug/L	100
29) 1,1,1-Trichloroethane	4.64	97	162714	8.024	ug/L	98
30) Cyclohexane	4.70	56	73127	3.790	ug/L	100
33) Benzene	5.13	78	136976	3.090	ug/L	100
34) Trichloroethene	5.94	95	14057	1.083	ug/L	97
42) Toluene	7.42	91	4153	0.081	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	19817	2.546	ug/L	98
53) Chlorobenzene	8.90	112	463743	14.436	ug/L	98
56) o-xylene	9.57	106	42635	2.118	ug/L	99

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58) Isopropylbenzene	9.95	105	24390	0.440	ug/L	98
63) 1,3-Dichlorobenzene	11.21	146	32944	1.315	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	64932	2.551	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	30309	1.334	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	5968	0.360	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	2082	0.154	ug/L	94

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

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