

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016248.D
 Acq On : 27 May 2020 23:46
 Operator : SY/MD
 Sample : L2766-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE4Y8

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 11:55:13 AM

Quant Time: May 28 09:11:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	96615	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	95498	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	49652	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23404	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.58	69	23527	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.12	63	35219	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.98	46	56292m	36.57	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.14%
24) Chloroform-d	4.38	84	52862	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.07	65	29805	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.08	84	107829	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.10	67	33648	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.35	98	103459	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.65	79	11976	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	8.12	63	56904	45.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.96%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26714	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	39223	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	211827	44.808	ug/L	97
13) Acetone	2.25	43	24477m	25.691	ug/L	
19) 1,1-Dichloroethane	3.21	63	33377	2.818	ug/L	97
21) 2-Butanone	4.07	43	19579	11.552	ug/L	84
22) cis-1,2-Dichloroethene	3.94	96	4076	0.553	ug/L	85
29) 1,1,1-Trichloroethane	4.63	97	2084	0.184	ug/L	92
30) Cyclohexane	4.69	56	47958	3.948	ug/L	99
33) Benzene	5.13	78	25785664m	938.306	ug/L	
35) Methylcyclohexane	6.15	83	60204	4.986	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	115155	27.461	ug/L	98
42) Toluene	7.42	91	31658925m	1056.367	ug/L	
53) Chlorobenzene	8.91	112	2330991	125.872	ug/L	98
54) Ethylbenzene	9.04	91	9074125	271.632	ug/L	95
55) m,p-xylene	9.17	106	7329680	585.139	ug/L	85
56) o-xylene	9.57	106	2797992	234.392	ug/L	93
58) Isopropylbenzene	9.95	105	413895	12.658	ug/L	99
63) 1,3-Dichlorobenzene	11.21	146	18982	1.253	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,4-Dichlorobenzene	11.30	146	141993	9.222	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	194178	14.177	ug/L	99

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

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