

Data File : VV016250.D
Acq On : 28 May 2020 00:35
Operator : SY/MD
Sample : L2766-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

Manual Integrations
APPROVED

MMDadoda
5/29/2020 11:55:23 AM

Quant Time: May 29 11:50:43 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	101328	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96718	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	49321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24659	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.58	69	22706	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.12	63	36242	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.98	46	65067	40.31	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.62%
24) Chloroform-d	4.38	84	54343	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.06	65	30480	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.07	84	108505	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.10	67	33303	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.34	98	100571	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
45) trans-1,3-Dichloropropene-	7.65	79	11650	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	8.12	63	57184	45.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25046	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	37983	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

						Qvalue
5) Vinyl chloride	1.32	62	44249	4.986	ug/L	97
8) Chloroethane	1.59	64	490975	99.026	ug/L	99
13) Acetone	2.26	43	69631m	69.685	ug/L	
14) Carbon disulfide	2.31	76	4954	0.267	ug/L #	94
19) 1,1-Dichloroethane	3.21	63	118611	9.547	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	372178	48.114	ug/L	95
29) 1,1,1-Trichloroethane	4.63	97	4991	0.435	ug/L	97
30) Cyclohexane	4.69	56	22888	1.860	ug/L	96
33) Benzene	5.12	78	2466334	88.615	ug/L	100
34) Trichloroethene	5.94	95	11397	1.572	ug/L	92
35) Methylcyclohexane	6.15	83	40482	3.310	ug/L	93
42) Toluene	7.41	91	5015949	165.257	ug/L	98
49) Tetrachloroethene	8.00	164	20625	3.962	ug/L	95
53) Chlorobenzene	8.90	112	2308210	123.070	ug/L	99
54) Ethylbenzene	9.03	91	1060986	31.360	ug/L	100
55) m,p-xylene	9.16	106	1850129	145.835	ug/L	98
56) o-xylene	9.56	106	378374	31.297	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052720\
Quantitation Report (QT/LSC Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Isopropylbenzene	9.95	105	364649	11.011	ug/L	99
63) 1,3-Dichlorobenzene	11.21	146	10292	0.684	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	87065	5.692	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	57587	4.233	ug/L	99

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

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