Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024179.D
Acq On : 19 Dec 2019 18:11
Operator : JU
Sample : K6171-09DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BT1DL

Manual Integrations APPROVED
Sohil
12/20/2019 4:28:32 PM

Quant Time: Dec 20 04:12:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	246580	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	1089601	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.10	164	681143	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.86	188	1404517	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1327153	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1506193	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	10102	1.81	ng/uL	0.00
5) Phenol-d5	6.64	99	183660	7.87	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	137637	9.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	158373	9.51	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	149515	7.83	ng/ul	-0.01
19) Nitrobenzene-d5	8.60	128	74828	9.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	75242	8.74	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	144268	8.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	152096	7.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	538978	10.70	ng/ul	-0.01
47) Acenaphthylene-d8	13.79	160	612806	10.15	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	21525m	2.38	ng/ul	0.02
58) Fluorene-d10	15.10	176	476264	10.79	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	36854	4.30	ng/ul	0.00
71) Anthracene-d10	16.96	188	697494	10.91	ng/ul	-0.01
79) Pyrene-d10	19.27	212	781491	12.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	869325	11.62	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.57	163	107994	2.063	ng/ul	98
50) Acenaphthene	14.16	153	146939	3.335	ng/ul	100
54) Dibenzofuran	14.51	168	131481	2.147	ng/ul	98
59) Fluorene	15.16	166	246829	4.772	ng/ul	99
70) Phenanthrene	16.90	178	3103572	39.470	ng/ul	99
72) Anthracene	16.99	178	875885	11.080	ng/ul	100
75) Carbazole	17.27	167	129463	1.906	ng/ul	98
77) Fluoranthene	18.93	202	4642689	54.172	ng/ul	98
80) Pyrene	19.30	202	3768584	43.496	ng/ul	99
83) Benzo(a)anthracene	21.06	228	1622166	19.184	ng/ul	99
85) Chrysene	21.11	228	1373415	16.571	ng/ul	98
88) Benzo(b)fluoranthene	22.58	252	1722862	19.117	ng/ul	97
89) Benzo(k)fluoranthene	22.61	252	614934m	6.954	ng/ul	
91) Benzo(a)pyrene	23.11	252	1281947	15.724	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.30	276	791690	8.087	ng/ul	96
93) Dibenzo(a,h)anthracene	25.31	278	175539m	2.139	ng/ul	
94) Benzo(g,h,i)perylene	25.94	276	730682	9.141	ng/ul	97

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

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