Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024586.D
Acq On : 22 Jan 2020 17:46
Operator : JU
Sample : L1118-11DL2 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASK2DL2

Manual Integrations APPROVED
mohammad
1/23/2020 1:52:41 PM

Quant Time: Jan 22 18:20:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:40:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	206073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	902588	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	609018	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1325506	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1351330	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1339670	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	11398	0.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	7691	0.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	11207	0.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	9834	0.70	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	6694	1.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	5511	0.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	12252	0.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	13356	0.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	42686	0.89	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	53258	0.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	2449	0.31	ng/ul	0.01
58) Fluorene-d10	15.10	176	40620	0.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	3452	0.46	ng/ul	0.00
71) Anthracene-d10	16.94	188	78381m	1.27	ng/ul	0.00
79) Pyrene-d10	19.25	212	75718	1.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	69169	1.00	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.26	128	1923584	41.600	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	561847	15.659	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	50057	1.132	ng/ul	98
48) Acenaphthylene	13.82	152	475859	8.482	ng/ul	98
54) Dibenzofuran	14.50	168	64846	1.166	ng/ul	100
59) Fluorene	15.16	166	116629	2.480	ng/ul	98
70) Phenanthrene	16.89	178	500705	7.004	ng/ul	98
72) Anthracene	16.98	178	192499	2.641	ng/ul	97
77) Fluoranthene	18.92	202	210838m	2.413	ng/ul	
80) Pyrene	19.28	202	327940	3.545	ng/ul	98
83) Benzo(a)anthracene	21.04	228	108612	1.180	ng/ul#	45
85) Chrysene	21.07	228	329187	3.711	ng/ul	94
88) Benzo(b)fluoranthene	22.56	252	173106m	1.955	ng/ul	
91) Benzo(a)pyrene	23.09	252	489042	6.355	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.24	276	507424	6.302	ng/ul	99
93) Dibenzo(a,h)anthracene	25.24	278	102372	1.498	ng/ul#	87
94) Benzo(g,h,i)perylene	25.87	276	405909	6.344	ng/ul	99

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

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