Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023961.D
Acq On : 28 Nov 2019 20:13
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
11/29/2019 8:51:43 AM

Quant Time: Nov 28 22:49:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	527711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	2164815	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	1320396	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2680224	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	2551430	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	3174666	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	54066	4.56	ng/uL	0.00
5) Phenol-d5	6.67	99	1133746	24.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	646142	24.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	899402	25.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	907097	24.86	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	437012	26.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	502480	26.31	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.89	165	917189	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	770860	19.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	2626998	25.61	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	3298168	27.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	364798	21.15	ng/ul	0.00
58) Fluorene-d10	15.14	176	2360008	27.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	249419	14.82	ng/ul	0.00
71) Anthracene-d10	17.00	188	3556456	27.78	ng/ul	0.00
79) Pyrene-d10	19.30	212	3742339	28.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	4624558	27.56	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.65	77	27538	1.131	ng/ul	97
6) Phenol	6.70	94	137839	2.897	ng/ul	98
14) Acetophenone	8.31	105	154808	2.775	ng/ul	97
45) Dimethylphthalate	13.62	163	912871	9.090	ng/ul	100
48) Acenaphthylene	13.86	152	512049	4.211	ng/ul	99
70) Phenanthrene	16.94	178	332061	2.193	ng/ul	99
72) Anthracene	17.03	178	345427	2.247	ng/ul	100
77) Fluoranthene	18.97	202	2322646	14.304	ng/ul	99
80) Pyrene	19.33	202	2247286	13.073	ng/ul	100
83) Benzo(a)anthracene	21.09	228	2592680	15.203	ng/ul	95
85) Chrysene	21.14	228	2104260	13.139	ng/ul	98
88) Benzo(b)fluoranthene	22.62	252	3574597	18.207	ng/ul	97
89) Benzo(k)fluoranthene	22.66	252	1311648m	7.038	ng/ul	
91) Benzo(a)pyrene	23.16	252	2553148	13.754	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.38	276	1668979	7.241	ng/ul	96
93) Dibenzo(a,h)anthracene	25.38	278	516869	2.670	ng/ul#	80
94) Benzo(g,h,i)perylene	26.03	276	1433008	7.423	ng/ul	98

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

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