Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021648.D
Acq On : 25 Jul 2019 22:17
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations APPROVED
mohammad
7/26/2019 3:24:15 PM

Quant Time: Jul 26 01:37:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	144108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	649212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	459880	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1092333	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1343381	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1319963	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	7144	2.70	ng/uL	0.00
5) Phenol-d5	6.87	99	169248	13.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	102027	14.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	147081	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	122661	11.75	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	77109	16.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	85074	16.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	182596	15.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	138280	12.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	613718	15.57	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	750752	15.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	48002	7.10	ng/ul	0.01
57) Fluorene-d10	15.34	176	609921	17.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	24254	3.55	ng/ul	0.00
70) Anthracene-d10	17.20	188	1008568	18.77	ng/ul	0.00
78) Pyrene-d10	19.50	212	1320161	20.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1337676	18.98	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.86	77	7595m	1.474	ng/ul	
6) Phenol	6.90	94	14919	1.269	ng/ul	92
14) Acetophenone	8.53	105	38771	2.474	ng/ul	97
44) Dimethylphthalate	13.81	163	235950	6.238	ng/ul	99
47) Acenaphthylene	14.06	152	55471	1.304	ng/ul	98
69) Phenanthrene	17.14	178	402165	6.748	ng/ul	98
71) Anthracene	17.23	178	98842m	1.640	ng/ul	
76) Fluoranthene	19.16	202	902912	12.221	ng/ul	98
79) Pyrene	19.53	202	684242	8.551	ng/ul	97
82) Benzo(a)anthracene	21.27	228	469353	5.330	ng/ul	94
84) Chrysene	21.33	228	430490	5.126	ng/ul#	95
87) Benzo(b)fluoranthene	22.87	252	567400	7.110	ng/ul#	89
88) Benzo(k)fluoranthene	22.91	252	180179m	2.302	ng/ul	
90) Benzo(a)pyrene	23.44	252	328825	4.291	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.80	276	220762	2.372	ng/ul	98
93) Benzo(g,h,i)perylene	26.49	276	205581	2.728	ng/ul	97

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

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