Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021646.D
Acq On : 25 Jul 2019 21:04
Operator : HP/JU
Sample : K3850-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENR9

Manual Integrations APPROVED
mohammad
7/26/2019 3:24:10 PM

Quant Time: Jul 26 01:29:46 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	142731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	655356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	470021	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1102206	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1264820	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1236746	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	8202	3.13	ng/uL	0.00
5) Phenol-d5	6.87	99	184347	15.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	123337	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	163555	17.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	110132	10.65	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	93145	19.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	102476	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	207229	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	158858	14.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	738463	18.34	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	871042	17.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	49765	7.20	ng/ul	0.01
57) Fluorene-d10	15.34	176	700445	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	40744	5.90	ng/ul	0.00
70) Anthracene-d10	17.20	188	1183900	21.83	ng/ul	0.00
78) Pyrene-d10	19.50	212	1486953	24.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1465521	22.19	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.87	77	8446	1.655	ng/ul#	81
6) Phenol	6.90	94	15960	1.370	ng/ul	99
14) Acetophenone	8.53	105	47255	3.045	ng/ul	98
30) 4-Chloroaniline	10.66	127	21752	1.982	ng/ul	97
44) Dimethylphthalate	13.81	163	240859	6.230	ng/ul	99
69) Phenanthrene	17.14	178	242861	4.039	ng/ul	99
76) Fluoranthene	19.16	202	670514	8.994	ng/ul	99
79) Pyrene	19.52	202	585276	7.768	ng/ul	100
82) Benzo(a)anthracene	21.27	228	348628	4.205	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.20	149	91925	2.659	ng/ul	99
84) Chrysene	21.33	228	392535	4.964	ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	555323	7.427	ng/ul#	95
88) Benzo(k)fluoranthene	22.90	252	180493m	2.461	ng/ul	
90) Benzo(a)pyrene	23.44	252	348396	4.852	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.79	276	240842	2.762	ng/ul	97
93) Benzo(g,h,i)perylene	26.49	276	241761	3.424	ng/ul	99

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

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