Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021684.D
Acq On : 27 Jul 2019 11:54
Operator : HP/JU
Sample : K3893-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP16

Manual Integrations APPROVED
mohammad
7/29/2019 2:29:42 PM

Quant Time: Jul 29 05:06:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	152464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	575935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	332980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	665162	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	700781	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	858189	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	14715	4.64	ng/uL	0.00
5) Phenol-d5	6.86	99	253994	22.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	163446	24.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	232548	24.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	206255	21.43	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	116012	26.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	129409	27.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	238966	23.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	187386	19.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	706242	27.48	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	807025	26.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	29184	7.48	ng/ul	0.01
57) Fluorene-d10	15.32	176	610010	27.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	13858	3.35	ng/ul	0.00
70) Anthracene-d10	17.18	188	880542	26.31	ng/ul	0.00
78) Pyrene-d10	19.48	212	969062	24.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1146667	25.25	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.52	105	20928	1.306	ng/ul	96
30) 4-Chloroaniline	10.65	127	32687	3.173	ng/ul	100
44) Dimethylphthalate	13.79	163	118649	4.448	ng/ul	99
47) Acenaphthylene	14.05	152	41751	1.276	ng/ul	97
66) Hexachlorobenzene	16.37	284	14957	1.422	ng/ul	99
69) Phenanthrene	17.12	178	207617	5.182	ng/ul	100
71) Anthracene	17.22	178	62763	1.529	ng/ul	95
76) Fluoranthene	19.14	202	585830	12.535	ng/ul	99
79) Pyrene	19.51	202	468892	8.967	ng/ul	99
82) Benzo(a)anthracene	21.26	228	324391	6.357	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.18	149	71536	3.080	ng/ul	98
84) Chrysene	21.31	228	307629	6.394	ng/ul	96
87) Benzo(b)fluoranthene	22.84	252	488521	8.366	ng/ul#	94
88) Benzo(k)fluoranthene	22.88	252	169313m	2.966	ng/ul	
90) Benzo(a)pyrene	23.42	252	320443	5.861	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.76	276	265978	4.195	ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	71242	1.352	ng/ul#	80
93) Benzo(g,h,i)perylene	26.45	276	218123	4.138	ng/ul	97

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

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