Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029443.D
Acq On : 09 Apr 2021 22:17
Operator : CG/JU
Sample : M1881-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQH0DL

Manual Integrations APPROVED
mohammad
4/12/2021 2:46:20 PM

Quant Time: Apr 09 23:48:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	108807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	436560	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	238640	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	427543	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	391857	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	413710	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	5110	1.79	ng/uL	0.00
5) Phenol-d5	6.86	99	95433	10.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	63591	10.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	77772	11.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	73361	10.44	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	32829	10.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	34817	10.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	67050	10.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	50363	6.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	192830	11.28	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	238097	10.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	16382	5.23	ng/ul	0.00
58) Fluorene-d10	15.32	176	161683	11.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	5160	2.12	ng/ul	0.00
71) Anthracene-d10	17.16	188	230512	11.86	ng/ul	0.00
79) Pyrene-d10	19.45	212	246418	13.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	253076	11.99	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	12162	1.251	ng/ul	97
50) Acenaphthene	14.39	153	23532	1.498	ng/ul	97
59) Fluorene	15.37	166	33254	1.842	ng/ul	97
70) Phenanthrene	17.10	178	659131	26.778	ng/ul	100
72) Anthracene	17.19	178	105712	4.185	ng/ul	99
75) Carbazole	17.46	167	48827	2.135	ng/ul	94
77) Fluoranthene	19.12	202	1293615	46.431	ng/ul	99
80) Pyrene	19.49	202	1009354	38.895	ng/ul	99
83) Benzo(a)anthracene	21.23	228	404181	16.358	ng/ul	98
85) Chrysene	21.27	228	454541	18.815	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	574192	21.560	ng/ul#	96
89) Benzo(k)fluoranthene	22.83	252	200338m	7.661	ng/ul	
91) Benzo(a)pyrene	23.36	252	374125	15.835	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	276669	8.947	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	65821	2.533	ng/ul#	77
94) Benzo(g,h,i)perylene	26.35	276	244781	9.747	ng/ul	99

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

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