Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029435.D
Acq On : 09 Apr 2021 17:23
Operator : CG/JU
Sample : M1881-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG9

Manual Integrations APPROVED
mohammad
4/12/2021 2:46:15 PM

Quant Time: Apr 09 17:56:01 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	96419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	364336	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	198472	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	362363	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	344416	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	357165	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	9174	3.63	ng/uL	0.00
5) Phenol-d5	6.86	99	167883	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	109596	21.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	131949	21.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	125310	20.13	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	57925	22.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	58446	22.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	111151	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	113406	17.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	325145	22.87	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	406332	22.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	28669	11.00	ng/ul	0.00
58) Fluorene-d10	15.32	176	266678	22.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	11101	5.39	ng/ul	0.00
71) Anthracene-d10	17.16	188	385554	23.41	ng/ul	0.00
79) Pyrene-d10	19.46	212	409070	24.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	428157	23.49	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	19162	2.223	ng/ul	98
14) Acetophenone	8.50	105	17195	1.689	ng/ul	98
45) Dimethylphthalate	13.78	163	26099	1.786	ng/ul	97
48) Acenaphthylene	14.05	152	43045	2.454	ng/ul	97
50) Acenaphthene	14.39	153	28411	2.174	ng/ul	96
54) Dibenzofuran	14.72	168	31496	1.764	ng/ul	97
59) Fluorene	15.37	166	61659	4.107	ng/ul	99
70) Phenanthrene	17.11	178	1169671	56.068	ng/ul	100
72) Anthracene	17.20	178	248865	11.624	ng/ul	99
75) Carbazole	17.47	167	64109	3.307	ng/ul	100
77) Fluoranthene	19.13	202	2004080	84.870	ng/ul	99
80) Pyrene	19.49	202	1573200	68.973	ng/ul	99
83) Benzo(a)anthracene	21.23	228	655856	30.201	ng/ul	96
85) Chrysene	21.28	228	645089	30.380	ng/ul	96
88) Benzo(b)fluoranthene	22.79	252	792834	34.482	ng/ul#	96
89) Benzo(k)fluoranthene	22.83	252	268802m	11.906	ng/ul	
91) Benzo(a)pyrene	23.36	252	556329	27.274	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	376046	14.086	ng/ul	96
93) Dibenzo(a,h)anthracene	25.68	278	86988	3.878	ng/ul#	87
94) Benzo(g,h,i)perylene	26.36	276	299071	13.793	ng/ul	98

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

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