

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029731.D
 Acq On : 30 Apr 2021 16:10
 Operator : CG/JU
 Sample : M2077-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-20-14.5-15.0

Manual Integrations
 APPROVED

mohammad
 5/3/2021 10:49:25 AM

Quant Time: Apr 30 16:42:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 17:34:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	63627	20.00	ng	0.00
21) Naphthalene-d8	10.369	136	225462	20.00	ng	# 0.00
39) Acenaphthene-d10	14.239	164	160656	20.00	ng	0.00
64) Phenanthrene-d10	16.992	188	363766	20.00	ng	# 0.00
76) Chrysene-d12	21.168	240	450846	20.00	ng	-0.01
86) Perylene-d12	23.344	264	466735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	324515	106.34	ng	0.00
7) Phenol-d6	6.781	99	390336	94.20	ng	0.00
23) Nitrobenzene-d5	8.745	82	256982	65.86	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	263486	103.30	ng	0.00
45) 2-Fluorobiphenyl	12.851	172	681930	55.05	ng	-0.01
79) Terphenyl-d14	19.621	244	1187667	48.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.804	94	9492	2.40	ng	83
31) Naphthalene	10.422	128	1739404	150.79	ng	99
37) 2-Methylnaphthalene	12.051	142	3164000	356.77	ng	98
38) 1-Methylnaphthalene	12.269	142	1347486	159.51	ng	99
46) 1,1'-Biphenyl	13.069	154	515398	42.49	ng	98
49) Acenaphthylene	13.957	152	102505	6.94	ng	# 89
50) Dimethylphthalate	13.704	163	49234	4.01	ng	98
52) Acenaphthene	14.310	154	1871398	204.35	ng	97
55) Dibenzofuran	14.645	168	3168063	205.34	ng	93
58) Fluorene	15.298	166	3223233	254.39	ng	99
71) Phenanthrene	17.051	178	12056364	588.11	ng	93
72) Anthracene	17.121	178	1662207	81.66	ng	99
73) Carbazole	17.392	167	1158536	63.11	ng	99
75) Fluoranthene	19.062	202	7494961	297.73	ng	96
78) Pyrene	19.415	202	4955984	171.41	ng	98
81) Benzo(a)anthracene	21.156	228	1228034	41.87	ng	98
83) Chrysene	21.209	228	856675	29.43	ng	96
87) Indeno(1,2,3-cd)pyrene	25.509	276	88134	2.49	ng	96
88) Benzo(b)fluoranthene	22.697	252	482660m	15.64	ng	
89) Benzo(k)fluoranthene	22.733	252	182547m	6.10	ng	
90) Benzo(a)pyrene	23.244	252	288404	10.21	ng	97
92) Benzo(g,h,i)perylene	26.180	276	66457	2.31	ng	98

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

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