

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
 Data File : BP001642.D
 Acq On : 16 Jan 2020 23:12
 Operator : JU
 Sample : L1148-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-31-(2-4)

Manual Integrations
 APPROVED

mohammad
 1/17/2020 2:08:46 PM

Quant Time: Jan 17 05:42:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	38425	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	140536	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	93525	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	202752	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	175517	20.00	ng	-0.01
87) Perylene-d12	23.38	264	184405	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	226426	115.43	ng	0.00
7) Phenol-d6	6.83	99	330641	105.47	ng	0.00
23) Nitrobenzene-d5	8.78	82	232361	72.25	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	131454	92.34	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	459352	72.21	ng	-0.01
79) Terphenyl-d14	19.63	244	634808	66.15	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	10.45	128	29971	4.041	ng	98
49) Acenaphthylene	13.99	152	194752	22.671	ng	99
50) Dimethylphthalate	13.74	163	23634	3.068	ng	# 97
58) Fluorene	15.33	166	24227	3.328	ng	91
71) Phenanthrene	17.08	178	172954	15.686	ng	99
72) Anthracene	17.17	178	186184	17.345	ng	97
75) Fluoranthene	19.07	202	641197	44.194	ng	98
78) Pyrene	19.42	202	1005160	77.961	ng	99
81) Benzo(a)anthracene	21.13	228	508849m	41.628	ng	
83) Chrysene	21.19	228	460840	38.685	ng	97
86) Indeno(1,2,3-cd)pyrene	25.63	276	164183	11.774	ng	99
88) Benzo(b)fluoranthene	22.72	252	374297m	32.211	ng	
89) Benzo(k)fluoranthene	22.74	252	138717m	12.244	ng	
90) Benzo(a)pyrene	23.28	252	285917	25.914	ng	# 98
91) Dibenzo(a,h)anthracene	25.63	278	54307	4.771	ng	# 92
92) Benzo(g,h,i)perylene	26.32	276	165141	14.593	ng	98

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

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