

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060078.D
 Acq On : 18 Dec 2023 22:58
 Operator : MA/JU
 Sample : 05592-02DL 100X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW05D-NAPLDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 04:43:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	67110	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	249036	20.000	ng	# 0.00
39) Acenaphthene-d10	14.588	164	214406	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	610727	20.000	ng	# 0.00
76) Chrysene-d12	21.609	240	704208	20.000	ng	# 0.00
86) Perylene-d12	24.800	264	791734	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	736	0.188	ng	0.00
7) Phenol-d6	7.109	99	924	0.168	ng	0.00
23) Nitrobenzene-d5	9.124	82	334	0.061	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	334	0.067	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	3019	0.172	ng	0.00
79) Terphenyl-d14	19.958	244	8482	0.220	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.816	128	1571728	121.235	ng	97
37) 2-Methylnaphthalene	12.420	142	501341	49.305	ng	98
38) 1-Methylnaphthalene	12.638	142	302328	30.100	ng	95
46) 1,1'-Biphenyl	13.425	154	81025	5.096	ng	98
49) Acenaphthylene	14.312	152	356201	18.910	ng	99
52) Acenaphthene	14.653	154	68896	5.313	ng	99
58) Fluorene	15.640	166	197771	11.113	ng	98
71) Phenanthrene	17.385	178	1049562	35.480	ng	98
72) Anthracene	17.473	178	276098	9.283	ng	97
75) Fluoranthene	19.394	202	478509	11.085	ng	99
78) Pyrene	19.759	202	741533	17.371	ng	99
81) Benzo(a)anthracene	21.592	228	289870m	6.128	ng	
83) Chrysene	21.656	228	243242	5.428	ng	95
88) Benzo(b)fluoranthene	23.789	252	175825	3.596	ng	# 92
90) Benzo(a)pyrene	24.647	252	222615	5.139	ng	# 96
92) Benzo(g,h,i)perylene	29.565	276	105187m	2.238	ng	

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

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