

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056541.D
 Acq On : 3 Feb 2023 16:31
 Operator : CG/JU
 Sample : 01403-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NPWAYNE-SOIL-0201

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 05:12:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	43908	20.000	ng	# 0.00
21) Naphthalene-d8	11.103	136	158333	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	111238	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	246758	20.000	ng	0.00
76) Chrysene-d12	21.931	240	230793	20.000	ng	0.00
86) Perylene-d12	25.362	264	260727	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	273376	114.534	ng	0.00
7) Phenol-d6	7.425	99	374971	106.028	ng	0.00
23) Nitrobenzene-d5	9.446	82	202668	72.685	ng	-0.01
42) 2,4,6-Tribromophenol	16.379	330	150600	101.836	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	598480	74.592	ng	0.00
79) Terphenyl-d14	20.210	244	883882	67.265	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.362	122	13522m	8.850	ng	
49) Acenaphthylene	14.622	152	149717	14.592	ng	99
58) Fluorene	15.932	166	31577	3.637	ng	# 94
71) Phenanthrene	17.677	178	587833	45.516	ng	99
72) Anthracene	17.765	178	176570	13.319	ng	99
73) Carbazole	18.030	167	45671	4.045	ng	98
75) Fluoranthene	19.675	202	1901584	116.661	ng	97
78) Pyrene	20.039	202	1652581	100.678	ng	97
81) Benzo(a)anthracene	21.914	228	1059469	65.663	ng	97
83) Chrysene	21.978	228	1004353	66.256	ng	97
87) Indeno(1,2,3-cd)pyrene	29.323	276	535530	28.059	ng	# 96
88) Benzo(b)fluoranthene	24.275	252	1481656	91.556	ng	98
89) Benzo(k)fluoranthene	24.334	252	565966m	34.639	ng	
90) Benzo(a)pyrene	25.204	252	839721	52.676	ng	100
91) Dibenzo(a,h)anthracene	29.352	278	153606	9.588	ng	# 91
92) Benzo(g,h,i)perylene	30.556	276	432539	27.982	ng	98

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

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