

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028392.D
 Acq On : 25 Oct 2023 02:02
 Operator : MA/JU
 Sample : 04938-13 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A-7(0-2)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 03:08:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	4754	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	16161	0.400	ng	-0.02
13) Acenaphthene-d10	14.523	164	8735	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	13455	0.400	ng	#-0.01
29) Chrysene-d12	21.488	240	9465	0.400	ng	# 0.00
35) Perylene-d12	23.937	264	17233	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	548	0.037	ng	0.00
5) Phenol-d6	7.062	99	646	0.036	ng	0.00
8) Nitrobenzene-d5	9.080	82	744	0.052	ng	-0.02
11) 2-Methylnaphthalene-d10	12.271	152	887	0.037	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	114	0.027	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	1161	0.038	ng	-0.02
27) Fluoranthene-d10	19.346	212	1255	0.035	ng	0.02
31) Terphenyl-d14	19.890	244	5711	0.284	ng	-0.03
Target Compounds						Qvalue
9) Naphthalene	10.735	128	153249	3.656	ng	97
12) 2-Methylnaphthalene	12.343	142	54026	1.814	ng	97
16) Acenaphthylene	14.245	152	294300	7.498	ng	99
17) Acenaphthene	14.587	154	245524	9.927	ng	100
18) Fluorene	15.568	166	289455	8.891	ng	98
25) Phenanthrene	17.331	178	4522407	122.790	ng	100
26) Anthracene	17.418	178	1328588	37.769	ng	# 95
28) Fluoranthene	19.365	202	11512124	248.805	ng	98
30) Pyrene	19.732	202	10994614	339.471	ng	98
32) Benzo(a)anthracene	21.471	228	6864600	204.156	ng	99
33) Chrysene	21.533	228	6036990	187.591	ng	95
34) Bis(2-ethylhexyl)phtha...	21.336	149	13726	0.534	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.542	276	5636454	81.127	ng	96
37) Benzo(b)fluoranthene	23.200	252	10072069	186.985	ng	# 89
38) Benzo(k)fluoranthene	23.241	252	3746980m	68.381	ng	
39) Benzo(a)pyrene	23.849	252	7458281	139.189	ng	# 87
40) Dibenzo(a,h)anthracene	26.539	278	1390216	24.648	ng	95
41) Benzo(g,h,i)perylene	27.352	276	5479188	94.087	ng	96

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

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