

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
 Data File : BN029143.D
 Acq On : 20 Dec 2023 20:13
 Operator : MA/JU
 Sample : 05366-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P-13(10-15)RE

Quant Time: Dec 21 01:10:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	1022	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	1898	0.400	ng	-0.01
13) Acenaphthene-d10	14.425	164	1073	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1673	0.400	ng	0.00
29) Chrysene-d12	21.384	240	1211	0.400	ng	0.00
35) Perylene-d12	23.703	264	1457	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	492	0.201	ng	0.00
5) Phenol-d6	7.002	99	535	0.199	ng	0.00
8) Nitrobenzene-d5	8.961	82	540	0.218	ng	0.00
11) 2-Methylnaphthalene-d10	12.166	152	616	0.214	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	121	0.129	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	976	0.156	ng	0.00
27) Fluoranthene-d10	19.215	212	818	0.202	ng	0.00
31) Terphenyl-d14	19.824	244	477	0.143	ng	0.00
Target Compounds					Qvalue	
9) Naphthalene	10.626	128	29183	4.719	ng	# 91
12) 2-Methylnaphthalene	12.238	142	8550	2.115	ng	97
16) Acenaphthylene	14.147	152	11526	1.524	ng	# 85
17) Acenaphthene	14.490	154	10641	2.346	ng	96
18) Fluorene	15.473	166	15052	2.461	ng	100
25) Phenanthrene	17.218	178	99391	14.399	ng	96
26) Anthracene	17.305	178	20005	2.998	ng	99
28) Fluoranthene	19.243	202	39420	5.524	ng	# 98
30) Pyrene	19.610	202	63227	6.628	ng	100
32) Benzo(a)anthracene	21.366	228	22195	3.333	ng	95
33) Chrysene	21.420	228	17831	2.708	ng	94
34) Bis(2-ethylhexyl)phtha...	21.313	149	1277	0.105	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.072	276	10052	1.071	ng	# 69
37) Benzo(b)fluoranthene	23.002	252	19530	2.636	ng	# 76
38) Benzo(k)fluoranthene	23.043	252	5625m	0.775	ng	
39) Benzo(a)pyrene	23.598	252	19442	2.940	ng	# 68
40) Dibenzo(a,h)anthracene	26.083	278	2881	0.399	ng	99
41) Benzo(g,h,i)perylene	26.806	276	11477m	1.444	ng	

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

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