

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016413.D
 Acq On : 28 Jul 2023 09:12
 Operator : MA/JU
 Sample : PB154218BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154218BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 09:42:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	349249	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1482472	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	905687	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1936048	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1800693	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	1921990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3740829	174.742	ng	0.00
7) Phenol-d6	7.228	99	4876401	166.186	ng	0.00
23) Nitrobenzene-d5	9.287	82	2835785	107.080	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1794162	134.657	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6363208	100.727	ng	0.00
79) Terphenyl-d14	20.039	244	9627065	112.937	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	339114	40.616	ng	97
3) Pyridine	3.870	79	973075	38.989	ng	98
4) n-Nitrosodimethylamine	3.799	42	469006	49.842	ng	95
6) Aniline	7.422	93	1705082	47.045	ng	98
8) 2-Chlorophenol	7.646	128	1231360	54.859	ng	97
9) Benzaldehyde	7.240	77	705420	59.679	ng	98
10) Phenol	7.258	94	1620333	56.863	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	1168885	50.462	ng	99
12) 1,3-Dichlorobenzene	7.969	146	1246107	51.714	ng	97
13) 1,4-Dichlorobenzene	8.128	146	1275704	52.191	ng	99
14) 1,2-Dichlorobenzene	8.440	146	1229593	52.247	ng	98
15) Benzyl Alcohol	8.340	79	1076772	53.713	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1390651	52.938	ng	98
17) 2-Methylphenol	8.522	107	1068331	52.021	ng	98
18) Hexachloroethane	9.169	117	463513	53.163	ng	93
19) n-Nitroso-di-n-propyla...	8.910	70	917247	49.897	ng	97
20) 3+4-Methylphenols	8.858	107	1454320	52.142	ng	100
22) Acetophenone	8.940	105	1820744	48.644	ng	# 99
24) Nitrobenzene	9.334	77	1345300	49.458	ng	98
25) Isophorone	9.846	82	2553093	47.751	ng	99
26) 2-Nitrophenol	10.034	139	528732	45.289	ng	95
27) 2,4-Dimethylphenol	10.069	122	1259426	52.652	ng	100
28) bis(2-Chloroethoxy)met...	10.334	93	1598585	48.811	ng	99
29) 2,4-Dichlorophenol	10.557	162	1156555	51.665	ng	98
30) 1,2,4-Trichlorobenzene	10.769	180	1153341	47.567	ng	98
31) Naphthalene	10.975	128	3686346	47.539	ng	99
32) Benzoic acid	10.199	122	694339	44.735	ng	96
33) 4-Chloroaniline	11.099	127	1093818	31.271	ng	98
34) Hexachlorobutadiene	11.210	225	636180	44.317	ng	99
35) Caprolactam	11.910	113	411165m	50.265	ng	
36) 4-Chloro-3-methylphenol	12.187	107	1284659	51.627	ng	98
37) 2-Methylnaphthalene	12.569	142	2561642	45.473	ng	99
38) 1-Methylnaphthalene	12.793	142	2410662	45.645	ng	100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1245495	45.253	ng	99
41) Hexachlorocyclopentadiene	12.875	237	1617975	117.048	ng	99
43) 2,4,6-Trichlorophenol	13.163	196	888023	50.285	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016413.D
 Acq On : 28 Jul 2023 09:12
 Operator : MA/JU
 Sample : PB154218BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154218BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 09:42:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	994065	46.397	ng	96
46) 1,1'-Biphenyl	13.575	154	3285804	47.594	ng	99
47) 2-Chloronaphthalene	13.622	162	2558166	49.115	ng	99
48) 2-Nitroaniline	13.840	65	772319	52.604	ng	97
49) Acenaphthylene	14.463	152	4156482	48.096	ng	99
50) Dimethylphthalate	14.198	163	3340748	47.335	ng	100
51) 2,6-Dinitrotoluene	14.328	165	713909	49.376	ng	90
52) Acenaphthene	14.798	154	2469468	48.053	ng	100
53) 3-Nitroaniline	14.663	138	657374	40.216	ng	93
54) 2,4-Dinitrophenol	14.863	184	640485	93.221	ng	97
55) Dibenzofuran	15.134	168	3942045	46.771	ng	99
56) 4-Nitrophenol	14.945	139	1486507	116.172	ng	97
57) 2,4-Dinitrotoluene	15.110	165	986415	52.348	ng	95
58) Fluorene	15.787	166	3149698	47.567	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	858146	48.690	ng	93
60) Diethylphthalate	15.551	149	3364953	47.976	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	1520032	45.491	ng	97
62) 4-Nitroaniline	15.834	138	795278	49.024	ng	98
63) Azobenzene	16.075	77	3281647	49.552	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	440199	48.485	ng	91
66) n-Nitrosodiphenylamine	15.998	169	2842176	49.813	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	952234	46.450	ng	97
68) Hexachlorobenzene	16.757	284	1078520	47.176	ng	95
69) Atrazine	16.951	200	1032546	60.850	ng	99
70) Pentachlorophenol	17.122	266	1435150	90.714	ng	93
71) Phenanthrene	17.539	178	5116543	49.770	ng	99
72) Anthracene	17.634	178	5172465	50.037	ng	100
73) Carbazole	17.910	167	5010557	51.700	ng	99
74) Di-n-butylphthalate	18.428	149	5800118	51.729	ng	99
75) Fluoranthene	19.498	202	5895759	48.930	ng	98
77) Benzidine	19.692	184	3634689	116.422	ng	100
78) Pyrene	19.851	202	6106780	50.591	ng	100
80) Butylbenzylphthalate	20.716	149	2565593	54.102	ng	98
81) Benzo(a)anthracene	21.569	228	5963984	49.363	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	1675491	42.246	ng #	99
83) Chrysene	21.627	228	5568410	48.265	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	3812490	53.548	ng	100
85) Di-n-octyl phthalate	22.457	149	6545317	54.662	ng	99
87) Indeno(1,2,3-cd)pyrene	26.968	276	6391410	49.325	ng	96
88) Benzo(b)fluoranthene	23.380	252	6021553	54.048	ng	98
89) Benzo(k)fluoranthene	23.433	252	6103087	53.863	ng	98
90) Benzo(a)pyrene	24.074	252	5259975	48.742	ng	99
91) Dibenzo(a,h)anthracene	26.998	278	5385970	49.842	ng	98
92) Benzo(g,h,i)perylene	27.827	276	5027325	48.277	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016413.D
 Acq On : 28 Jul 2023 09:12
 Operator : MA/JU
 Sample : PB154218BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154218BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 09:42:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

