

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141819.D
 Acq On : 03 Mar 2025 18:16
 Operator : RC/JU
 Sample : Q1475-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-02282025MS

Quant Time: Mar 04 00:12:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy
 Claudio

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	111069	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	466588	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	292659	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	567711	20.000	ng	0.00
76) Chrysene-d12	14.051	240	381619	20.000	ng	0.00
86) Perylene-d12	15.527	264	352598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	790128	113.607	ng	0.00
7) Phenol-d6	6.498	99	1046994	115.659	ng	-0.01
23) Nitrobenzene-d5	7.445	82	621192	85.100	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	368150	133.993	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1351607	74.053	ng	0.00
79) Terphenyl-d14	12.998	244	1830573	77.609	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	131727	41.742	ng	96
3) Pyridine	3.393	79	314690	40.078	ng	98
4) n-Nitrosodimethylamine	3.322	42	158771m	42.025	ng	
6) Aniline	6.545	93	245194	26.054	ng	99
8) 2-Chlorophenol	6.669	128	329092	43.742	ng	97
9) Benzaldehyde	6.434	77	124013	23.552	ng	99
10) Phenol	6.516	94	446333	46.141	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	313865	42.566	ng	99
12) 1,3-Dichlorobenzene	6.828	146	346113	42.957	ng	99
13) 1,4-Dichlorobenzene	6.904	146	348203	42.891	ng	99
14) 1,2-Dichlorobenzene	7.057	146	336988	44.453	ng	99
15) Benzyl Alcohol	7.022	79	296892	41.037	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	483054	43.137	ng	97
17) 2-Methylphenol	7.128	107	275526	44.367	ng	99
18) Hexachloroethane	7.404	117	129709	42.688	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	249193	41.876	ng	98
20) 3+4-Methylphenols	7.281	107	368849	47.698	ng	95
22) Acetophenone	7.292	105	523320	46.051	ng	# 97
24) Nitrobenzene	7.463	77	359391	45.977	ng	99
25) Isophorone	7.704	82	675743	43.090	ng	100
26) 2-Nitrophenol	7.781	139	138674	40.499	ng	99
27) 2,4-Dimethylphenol	7.810	122	303781	52.698	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	402295	40.215	ng	99
29) 2,4-Dichlorophenol	8.016	162	296348	44.562	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	301771	41.411	ng	99
31) Naphthalene	8.192	128	1070374	44.635	ng	99
32) Benzoic acid	7.898	122	217073	45.579	ng	98
33) 4-Chloroaniline	8.234	127	144256	16.406	ng	98
34) Hexachlorobutadiene	8.310	225	179837	39.713	ng	98
35) Caprolactam	8.581	113	128944m	63.028	ng	
36) 4-Chloro-3-methylphenol	8.710	107	356381	48.241	ng	96
37) 2-Methylnaphthalene	8.881	142	727188	46.231	ng	99
38) 1-Methylnaphthalene	8.981	142	717379	47.532	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	369518	43.718	ng	99
41) Hexachlorocyclopentadiene	9.033	237	299195	84.821	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	233014	42.678	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141819.D
 Acq On : 03 Mar 2025 18:16
 Operator : RC/JU
 Sample : Q1475-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-02282025MS

Quant Time: Mar 04 00:12:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy
 Claudio

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.192	196	260340	48.153	ng	98	03/04/2025
46) 1,1'-Biphenyl	9.345	154	1030482	46.260	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	9.369	162	701548	42.670	ng	99	
48) 2-Nitroaniline	9.457	65	223360	49.483	ng	99	
49) Acenaphthylene	9.786	152	1199203	48.648	ng	99	
50) Dimethylphthalate	9.639	163	836889	42.701	ng	100	
51) 2,6-Dinitrotoluene	9.704	165	180021	48.014	ng	97	03/04/2025
52) Acenaphthene	9.957	154	1045381	62.849	ng	100	
53) 3-Nitroaniline	9.869	138	157651	40.002	ng	98	
54) 2,4-Dinitrophenol	9.975	184	152497	86.204	ng	# 1	
55) Dibenzofuran	10.128	168	1238567	51.160	ng	99	
56) 4-Nitrophenol	10.022	139	400749	138.445	ng	99	
57) 2,4-Dinitrotoluene	10.104	165	267822	57.713	ng	98	
58) Fluorene	10.475	166	1178302	64.976	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.245	232	237587	50.528	ng	98	
60) Diethylphthalate	10.345	149	886191	45.104	ng	99	
61) 4-Chlorophenyl-phenyle...	10.463	204	408016	44.907	ng	98	
62) 4-Nitroaniline	10.480	138	212905	63.611	ng	95	
63) Azobenzene	10.627	77	1091361	52.755	ng	88	
65) 4,6-Dinitro-2-methylph...	10.510	198	105351	40.862	ng	94	
66) n-Nitrosodiphenylamine	10.580	169	789648	42.359	ng	98	
67) 4-Bromophenyl-phenylether	10.957	248	269414	40.629	ng	98	
68) Hexachlorobenzene	11.022	284	299291	42.742	ng	99	
69) Atrazine	11.110	200	312250	60.911	ng	99	
70) Pentachlorophenol	11.210	266	393328	88.566	ng	100	
71) Phenanthrene	11.439	178	3880123	127.775	ng	98	
72) Anthracene	11.492	178	2336827	76.782	ng	100	
73) Carbazole	11.639	167	1701875	63.323	ng	100	
74) Di-n-butylphthalate	11.974	149	1549577	45.486	ng	99	
75) Fluoranthene	12.627	202	4549513	146.212	ng	98	
77) Benzidine	12.745	184	565563	117.747	ng	99	
78) Pyrene	12.857	202	3986724	120.642	ng	96	
80) Butylbenzylphthalate	13.474	149	593087	49.398	ng	98	
81) Benzo(a)anthracene	14.045	228	2752621	109.202	ng	98	
82) 3,3'-Dichlorobenzidine	14.004	252	187817	25.971	ng	99	
83) Chrysene	14.080	228	2143918	92.267	ng	98	
84) Bis(2-ethylhexyl)phtha...	14.033	149	795583	53.218	ng	100	
85) Di-n-octyl phthalate	14.645	149	1273243	56.889	ng	99	
87) Indeno(1,2,3-cd)pyrene	17.021	276	1333661	59.400	ng	97	
88) Benzo(b)fluoranthene	15.098	252	2511913	104.584	ng	98	
89) Benzo(k)fluoranthene	15.121	252	1193741m	58.476	ng		
90) Benzo(a)pyrene	15.468	252	1810170	93.976	ng	98	
91) Dibenzo(a,h)anthracene	17.039	278	836480	45.642	ng	99	
92) Benzo(g,h,i)perylene	17.474	276	1057963	56.349	ng	99	

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

