

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134357.D
 Acq On : 19 Jul 2023 14:07
 Operator : CG\JU
 Sample : PB154258BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154258BS

Quant Time: Jul 19 14:38:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	73456	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	287399	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	147548	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	283533	20.000	ng	0.00
76) Chrysene-d12	14.039	240	207181	20.000	ng	0.00
86) Perylene-d12	15.545	264	162647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	528916	120.447	ng	0.02
7) Phenol-d6	6.493	99	626305	115.974	ng	0.00
23) Nitrobenzene-d5	7.410	82	430397	80.726	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	234611	126.820	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	850710	83.826	ng	0.00
79) Terphenyl-d14	12.974	244	1030563	80.056	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	69750	38.522	ng	98
3) Pyridine	3.510	79	129575	27.474	ng	95
4) n-Nitrosodimethylamine	3.469	42	108860	40.414	ng	97
6) Aniline	6.504	93	121487	18.487	ng	# 1
8) 2-Chlorophenol	6.628	128	202366	45.397	ng	99
9) Benzaldehyde	6.393	77	23387	5.621	ng	92
10) Phenol	6.504	94	238883	42.071	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	183540	43.905	ng	96
12) 1,3-Dichlorobenzene	6.781	146	216197	45.492	ng	98
13) 1,4-Dichlorobenzene	6.857	146	220399	45.915	ng	100
14) 1,2-Dichlorobenzene	7.004	146	208930	46.475	ng	98
15) Benzyl Alcohol	6.987	79	190464	45.749	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	263979	35.694	ng	76
17) 2-Methylphenol	7.104	107	165921	41.566	ng	# 91
18) Hexachloroethane	7.345	117	84571	47.516	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	149455	43.640	ng	97
20) 3+4-Methylphenols	7.257	107	212227	43.824	ng	# 84
22) Acetophenone	7.251	105	303978	46.507	ng	94
24) Nitrobenzene	7.428	77	224942	41.751	ng	95
25) Isophorone	7.663	82	395026	40.768	ng	98
26) 2-Nitrophenol	7.740	139	110940	42.924	ng	93
27) 2,4-Dimethylphenol	7.781	122	176237	43.078	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	224824	40.071	ng	99
29) 2,4-Dichlorophenol	7.987	162	173340	42.728	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	186054	44.447	ng	99
31) Naphthalene	8.145	128	581120	41.861	ng	99
32) Benzoic acid	7.928	122	132878	43.344	ng	90
33) 4-Chloroaniline	8.198	127	62541	10.532	ng	95
34) Hexachlorobutadiene	8.251	225	124318	47.080	ng	98
35) Caprolactam	8.575	113	56031m	41.947	ng	
36) 4-Chloro-3-methylphenol	8.687	107	196886	43.201	ng	97
37) 2-Methylnaphthalene	8.834	142	397560	40.497	ng	100
38) 1-Methylnaphthalene	8.934	142	367427	40.260	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	198841	45.487	ng	98
41) Hexachlorocyclopentadiene	8.981	237	146096	70.447	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	125980	42.335	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	132150	37.754	ng	95
46) 1,1'-Biphenyl	9.298	154	503444	42.536	ng	97
47) 2-Chloronaphthalene	9.328	162	371458	42.894	ng	97
48) 2-Nitroaniline	9.428	65	126504	40.083	ng	97
49) Acenaphthylene	9.739	152	596580	40.328	ng	99
50) Dimethylphthalate	9.604	163	440172	41.097	ng	99
51) 2,6-Dinitrotoluene	9.675	165	97145	42.111	ng	94
52) Acenaphthene	9.916	154	356039	41.478	ng	96
53) 3-Nitroaniline	9.839	138	66706	24.103	ng	95
54) 2,4-Dinitrophenol	9.963	184	107206	80.448	ng	95
55) Dibenzofuran	10.086	168	547834	40.837	ng	98
56) 4-Nitrophenol	10.022	139	126313	65.250	ng	94
57) 2,4-Dinitrotoluene	10.081	165	130723	42.909	ng	# 81
58) Fluorene	10.433	166	439165	42.079	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	113266	41.023	ng	99
60) Diethylphthalate	10.304	149	459742	41.200	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	211162	41.983	ng	96
62) 4-Nitroaniline	10.469	138	91041	32.642	ng	93
63) Azobenzene	10.586	77	410439	38.885	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	74201	48.002	ng	98
66) n-Nitrosodiphenylamine	10.545	169	379025	41.840	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	131598	43.668	ng	99
68) Hexachlorobenzene	10.980	284	156491	48.907	ng	97
69) Atrazine	11.075	200	73014	29.138	ng	98
70) Pentachlorophenol	11.180	266	132014	69.002	ng	99
71) Phenanthrene	11.404	178	616245	43.174	ng	98
72) Anthracene	11.451	178	630358	42.459	ng	99
73) Carbazole	11.610	167	602480	44.337	ng	99
74) Di-n-butylphthalate	11.939	149	709552	43.909	ng	100
75) Fluoranthene	12.598	202	684722	44.373	ng	98
77) Benzidine	12.722	184	61625	12.501	ng	98
78) Pyrene	12.827	202	706828	36.659	ng	100
80) Butylbenzylphthalate	13.445	149	297866	41.191	ng	99
81) Benzo(a)anthracene	14.027	228	604579	42.077	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	141520	31.088	ng	98
83) Chrysene	14.069	228	566461	40.704	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	389324	46.855	ng	98
85) Di-n-octyl phthalate	14.627	149	602208	49.324	ng	97
87) Indeno(1,2,3-cd)pyrene	17.104	276	526231	46.627	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	515856	53.939	ng	98
89) Benzo(k)fluoranthene	15.133	252	479577m	49.251	ng	
90) Benzo(a)pyrene	15.480	252	422532	45.689	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	442567	48.009	ng	97
92) Benzo(g,h,i)perylene	17.574	276	431817	45.424	ng	95

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

Manual Integrations

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