

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130577.D
 Acq On : 07 Oct 2022 16:06
 Operator : CG\JU
 Sample : PB148182BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148182BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Oct 10 01:43:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	121587	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	487339	20.000	ng	0.00
39) Acenaphthene-d10	9.651	164	258701	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	436376	20.000	ng	0.00
76) Chrysene-d12	13.757	240	224432	20.000	ng	0.00
86) Perylene-d12	15.133	264	255655	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	947736	135.197	ng	0.02
7) Phenol-d6	6.269	99	1157284	131.941	ng	0.00
23) Nitrobenzene-d5	7.187	82	736572	77.216	ng	0.00
42) 2,4,6-Tribromophenol	10.445	330	361507	145.837	ng	0.00
45) 2-Fluorobiphenyl	8.981	172	1417756	79.803	ng	0.00
79) Terphenyl-d14	12.716	244	1338679	98.805	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.328	88	146660	45.554	ng	98
3) Pyridine	2.993	79	282872	33.682	ng	91
4) n-Nitrosodimethylamine	2.957	42	168598	36.911	ng	92
6) Aniline	6.281	93	419928	38.856	ng	# 40
8) 2-Chlorophenol	6.404	128	370081	46.345	ng	92
9) Benzaldehyde	6.163	77	145610	24.783	ng	94
10) Phenol	6.281	94	440812	42.885	ng	# 62
11) bis(2-Chloroethyl)ether	6.363	93	336756	45.421	ng	93
12) 1,3-Dichlorobenzene	6.551	146	388721	44.240	ng	98
13) 1,4-Dichlorobenzene	6.634	146	395048	44.089	ng	97
14) 1,2-Dichlorobenzene	6.781	146	371123	44.338	ng	98
15) Benzyl Alcohol	6.775	79	284997	40.981	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.898	45	423195	39.136	ng	76
17) 2-Methylphenol	6.887	107	302232	46.559	ng	96
18) Hexachloroethane	7.122	117	150281	42.549	ng	97
19) n-Nitroso-di-n-propyla...	7.045	70	248415	41.972	ng	93
20) 3+4-Methylphenols	7.045	107	367499	43.580	ng	# 62
22) Acetophenone	7.034	105	519375	43.591	ng	# 90
24) Nitrobenzene	7.210	77	383816	39.626	ng	91
25) Isophorone	7.451	82	688182	44.760	ng	98
26) 2-Nitrophenol	7.522	139	197443	49.726	ng	89
27) 2,4-Dimethylphenol	7.569	122	309617	50.643	ng	97
28) bis(2-Chloroethoxy)met...	7.663	93	409148	47.260	ng	100
29) 2,4-Dichlorophenol	7.769	162	298783	44.597	ng	94
30) 1,2,4-Trichlorobenzene	7.839	180	315277	43.527	ng	97
31) Naphthalene	7.922	128	1042424	41.519	ng	100
32) Benzoic acid	7.734	122	172705	36.529	ng	94
33) 4-Chloroaniline	7.981	127	356951	37.381	ng	95
34) Hexachlorobutadiene	8.034	225	195253	42.179	ng	99
35) Caprolactam	8.363	113	91618m	47.702	ng	
36) 4-Chloro-3-methylphenol	8.475	107	330874	44.556	ng	99
37) 2-Methylnaphthalene	8.610	142	684753	42.776	ng	100
38) 1-Methylnaphthalene	8.710	142	644491	41.910	ng	100
40) 1,2,4,5-Tetrachloroben...	8.775	216	315340	44.665	ng	98
41) Hexachlorocyclopentadiene	8.763	237	300344	79.458	ng	99
43) 2,4,6-Trichlorophenol	8.892	196	206383	41.886	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	8.945	196	222233	41.796	ng	95	
46) 1,1'-Biphenyl	9.075	154	835371	43.237	ng	99	
47) 2-Chloronaphthalene	9.098	162	649322	41.545	ng	99	
48) 2-Nitroaniline	9.204	65	199606	38.291	ng	90	
49) Acenaphthylene	9.510	152	962186	41.060	ng	99	
50) Dimethylphthalate	9.386	163	770428	43.113	ng	99	
51) 2,6-Dinitrotoluene	9.451	165	169493	45.352	ng	# 82	10/10/2022
52) Acenaphthene	9.686	154	704116m	45.731	ng		
53) 3-Nitroaniline	9.622	138	148002	35.540	ng	87	
54) 2,4-Dinitrophenol	9.733	184	162172	79.993	ng	# 85	
55) Dibenzofuran	9.857	168	887578	41.445	ng	95	
56) 4-Nitrophenol	9.798	139	213519	70.395	ng	89	
57) 2,4-Dinitrotoluene	9.857	165	221650	46.406	ng	92	
58) Fluorene	10.198	166	713765	40.753	ng	99	
59) 2,3,4,6-Tetrachlorophenol	9.980	232	176737	42.467	ng	91	
60) Diethylphthalate	10.086	149	757088	42.248	ng	98	
61) 4-Chlorophenyl-phenyle...	10.192	204	337755	43.960	ng	95	
62) 4-Nitroaniline	10.239	138	169675m	40.559	ng		
63) Azobenzene	10.351	77	693742	37.596	ng	96	
65) 4,6-Dinitro-2-methylph...	10.263	198	110331	45.419	ng	92	
66) n-Nitrosodiphenylamine	10.316	169	615768	42.227	ng	99	
67) 4-Bromophenyl-phenylether	10.680	248	220215	45.746	ng	91	
68) Hexachlorobenzene	10.739	284	250377	45.882	ng	99	
69) Atrazine	10.851	200	197571	46.362	ng	96	
70) Pentachlorophenol	10.939	266	209581	71.562	ng	99	
71) Phenanthrene	11.157	178	989111	40.372	ng	100	
72) Anthracene	11.204	178	1002647	42.408	ng	100	
73) Carbazole	11.369	167	888244	41.628	ng	98	
74) Di-n-butylphthalate	11.698	149	1102277	42.839	ng	99	
75) Fluoranthene	12.333	202	938972	39.662	ng	100	
77) Benzidine	12.469	184	376709	57.821	ng	99	
78) Pyrene	12.563	202	917410	46.727	ng	99	
80) Butylbenzylphthalate	13.186	149	344893	47.418	ng	100	
81) Benzo(a)anthracene	13.745	228	640692	42.912	ng	99	
82) 3,3'-Dichlorobenzidine	13.716	252	199430	49.070	ng	99	
83) Chrysene	13.786	228	601548	42.433	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.745	149	410365	49.256	ng	99	
85) Di-n-octyl phthalate	14.357	149	711940	55.871	ng	96	
87) Indeno(1,2,3-cd)pyrene	16.445	276	858591	47.359	ng	98	
88) Benzo(b)fluoranthene	14.757	252	717759	43.014	ng	100	
89) Benzo(k)fluoranthene	14.786	252	691796	42.146	ng	99	
90) Benzo(a)pyrene	15.086	252	638988	48.336	ng	98	
91) Dibenzo(a,h)anthracene	16.462	278	752220	50.577	ng	99	
92) Benzo(g,h,i)perylene	16.845	276	740505	49.427	ng	97	

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

