

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132125.D
 Acq On : 18 Jan 2023 18:53
 Operator : CG\JU
 Sample : PB150317BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150317BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 07:52:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	200836	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	730996	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	395104	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	759802	20.000	ng	0.00
76) Chrysene-d12	14.312	240	465735	20.000	ng	0.00
86) Perylene-d12	15.912	264	429046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	1314189	116.419	ng	0.01
7) Phenol-d6	6.713	99	1696130	116.307	ng	0.00
23) Nitrobenzene-d5	7.666	82	1130817	82.113	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	530097	122.624	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	1823848	80.316	ng	0.00
79) Terphenyl-d14	13.242	244	2194664	76.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.148	88	200695	33.946	ng	100
3) Pyridine	3.866	79	483488	30.541	ng	98
4) n-Nitrosodimethylamine	3.831	42	305011	39.868	ng	97
6) Aniline	6.760	93	517723m	25.388	ng	
8) 2-Chlorophenol	6.878	128	537829	44.765	ng	99
10) Phenol	6.731	94	609359m	40.607	ng	
11) bis(2-Chloroethyl)ether	6.831	93	544108	42.637	ng	97
12) 1,3-Dichlorobenzene	7.042	146	569844	43.099	ng	99
13) 1,4-Dichlorobenzene	7.119	146	573178	43.310	ng	99
14) 1,2-Dichlorobenzene	7.266	146	545645	43.512	ng	100
15) Benzyl Alcohol	7.231	79	480058m	41.415	ng	
16) 2,2'-oxybis(1-Chloropr...	7.366	45	804352	42.341	ng	99
17) 2-Methylphenol	7.336	107	423334	39.150	ng	98
18) Hexachloroethane	7.613	117	220930	45.294	ng	96
19) n-Nitroso-di-n-propyla...	7.507	70	357088	38.948	ng	98
20) 3+4-Methylphenols	7.489	107	521596	38.863	ng	95
22) Acetophenone	7.507	105	680887	40.379	ng	# 99
24) Nitrobenzene	7.684	77	582556	40.399	ng	99
25) Isophorone	7.919	82	1093405	39.680	ng	99
26) 2-Nitrophenol	7.995	139	266162	45.301	ng	98
27) 2,4-Dimethylphenol	8.025	122	482776	41.216	ng	98
28) bis(2-Chloroethoxy)met...	8.125	93	621860	39.354	ng	99
29) 2,4-Dichlorophenol	8.236	162	446729	40.699	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	500010	41.686	ng	99
31) Naphthalene	8.407	128	1415702	39.445	ng	99
32) Benzoic acid	8.136	122	345300	42.912	ng	99
33) 4-Chloroaniline	8.442	127	158466	10.056	ng	97
34) Hexachlorobutadiene	8.519	225	339172	42.879	ng	99
35) Caprolactam	8.819	113	152320m	42.706	ng	
36) 4-Chloro-3-methylphenol	8.919	107	471366	41.184	ng	96
37) 2-Methylnaphthalene	9.101	142	948444	37.949	ng	100
38) 1-Methylnaphthalene	9.201	142	889313	37.872	ng	99
40) 1,2,4,5-Tetrachloroben...	9.266	216	500421	39.406	ng	99
41) Hexachlorocyclopentadiene	9.254	237	617586	91.515	ng	100
43) 2,4,6-Trichlorophenol	9.372	196	345911	42.383	ng	99
44) 2,4,5-Trichlorophenol	9.419	196	393024	39.407	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.566	154	1143715	39.207	ng	100
47) 2-Chloronaphthalene	9.595	162	914018	40.156	ng	99
48) 2-Nitroaniline	9.683	65	315156	40.615	ng	99
49) Acenaphthylene	10.013	152	1429192	38.748	ng	99
50) Dimethylphthalate	9.866	163	1125513	39.186	ng	99
51) 2,6-Dinitrotoluene	9.925	165	254314	41.622	ng	96
52) Acenaphthene	10.183	154	968844	43.376	ng	99
53) 3-Nitroaniline	10.095	138	150446	23.258	ng	99
54) 2,4-Dinitrophenol	10.201	184	265873	102.417	ng	# 86
55) Dibenzofuran	10.360	168	1324654	38.544	ng	99
56) 4-Nitrophenol	10.248	139	382751	82.824	ng	94
57) 2,4-Dinitrotoluene	10.330	165	331500	43.926	ng	99
58) Fluorene	10.707	166	986802	38.718	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.472	232	323818	41.251	ng	99
60) Diethylphthalate	10.566	149	1133025	39.396	ng	100
61) 4-Chlorophenyl-phenyle...	10.689	204	530155	38.700	ng	95
62) 4-Nitroaniline	10.719	138	230223	39.469	ng	96
63) Azobenzene	10.854	77	1084888	38.727	ng	98
65) 4,6-Dinitro-2-methylph...	10.742	198	170949	48.381	ng	92
66) n-Nitrosodiphenylamine	10.813	169	909500	39.885	ng	99
67) 4-Bromophenyl-phenylether	11.189	248	354457	41.069	ng	97
68) Hexachlorobenzene	11.254	284	374861	43.169	ng	98
69) Atrazine	11.330	200	239884	31.260	ng	98
70) Pentachlorophenol	11.448	266	460271	77.151	ng	99
71) Phenanthrene	11.677	178	1529162	40.712	ng	99
72) Anthracene	11.730	178	1519325	39.782	ng	99
73) Carbazole	11.877	167	1362654	40.891	ng	100
74) Di-n-butylphthalate	12.201	149	1715410	42.389	ng	99
75) Fluoranthene	12.871	202	1675926	41.655	ng	98
77) Benzidine	12.989	184	199142	15.879	ng	97
78) Pyrene	13.107	202	1676548	37.608	ng	100
80) Butylbenzylphthalate	13.718	149	666978	42.445	ng	98
81) Benzo(a)anthracene	14.301	228	1285973	39.506	ng	100
82) 3,3'-Dichlorobenzidine	14.260	252	288447	33.313	ng	99
83) Chrysene	14.342	228	1200623	39.236	ng	99
84) Bis(2-ethylhexyl)phtha...	14.277	149	900989	43.843	ng	98
85) Di-n-octyl phthalate	14.912	149	1377475	51.113	ng	100
87) Indeno(1,2,3-cd)pyrene	17.577	276	1299317	51.398	ng	99
88) Benzo(b)fluoranthene	15.430	252	1281166	47.464	ng	100
89) Benzo(k)fluoranthene	15.465	252	1139583	42.204	ng	99
90) Benzo(a)pyrene	15.842	252	1081337	44.314	ng	99
91) Dibenzo(a,h)anthracene	17.606	278	1073712	52.858	ng	99
92) Benzo(g,h,i)perylene	18.095	276	1128911	53.341	ng	99

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

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