

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133846.D
 Acq On : 20 Jun 2023 09:33
 Operator : CG\JU
 Sample : PB153277BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153277BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

06/21/2023
 Supervised By :mohammad
 ahmed

Quant Time: Jun 20 11:43:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	112736	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	438740	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	225061	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	432822	20.000	ng	0.00
76) Chrysene-d12	14.045	240	207295	20.000	ng	0.00
86) Perylene-d12	15.551	264	227606	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	769396	118.812	ng	0.00
7) Phenol-d6	6.498	99	928978	110.209	ng	0.00
23) Nitrobenzene-d5	7.422	82	629742	78.178	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	305226	107.139	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1183988	74.782	ng	0.00
79) Terphenyl-d14	12.986	244	1193831	89.113	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	111706	39.237	ng	97
3) Pyridine	3.498	79	242139	29.180	ng	96
4) n-Nitrosodimethylamine	3.463	42	179288	39.087	ng	98
6) Aniline	6.522	93	295069	27.793	ng	96
8) 2-Chlorophenol	6.645	128	308037	45.138	ng	96
9) Benzaldehyde	6.410	77	75837	13.561	ng	97
10) Phenol	6.510	94	365559	41.532	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	274953	42.078	ng	98
12) 1,3-Dichlorobenzene	6.798	146	320506	43.956	ng	98
13) 1,4-Dichlorobenzene	6.875	146	330530	44.850	ng	99
14) 1,2-Dichlorobenzene	7.028	146	314598	47.243	ng	98
15) Benzyl Alcohol	7.004	79	277972	42.222	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	500815	45.213	ng	99
17) 2-Methylphenol	7.110	107	254282	42.038	ng	99
18) Hexachloroethane	7.369	117	124535	49.361	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	218161	40.678	ng	100
20) 3+4-Methylphenols	7.263	107	305769	38.858	ng	91
22) Acetophenone	7.269	105	420534	41.791	ng	# 96
24) Nitrobenzene	7.445	77	337921	41.662	ng	99
25) Isophorone	7.681	82	606147	40.988	ng	99
26) 2-Nitrophenol	7.757	139	164535	45.200	ng	99
27) 2,4-Dimethylphenol	7.792	122	272709	43.465	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	346616	40.553	ng	99
29) 2,4-Dichlorophenol	7.998	162	259031	42.125	ng	100
30) 1,2,4-Trichlorobenzene	8.081	180	274424	42.774	ng	97
31) Naphthalene	8.163	128	860389	40.251	ng	100
32) Benzoic acid	7.916	122	205345	51.894	ng	98
33) 4-Chloroaniline	8.210	127	98912	10.822	ng	96
34) Hexachlorobutadiene	8.275	225	171775	40.894	ng	97
35) Caprolactam	8.586	113	89190m	43.104	ng	
36) 4-Chloro-3-methylphenol	8.692	107	295136	41.639	ng	97
37) 2-Methylnaphthalene	8.851	142	580947	39.116	ng	99
38) 1-Methylnaphthalene	8.951	142	545136	39.888	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	280596	41.011	ng	98
41) Hexachlorocyclopentadiene	9.004	237	344133	112.866	ng	96
43) 2,4,6-Trichlorophenol	9.133	196	189052	41.349	ng	97

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44) 2,4,5-Trichlorophenol	9.175	196	204906	38.522	ng	98
46) 1,1'-Biphenyl	9.322	154	742358	40.898	ng	99
47) 2-Chloronaphthalene	9.345	162	538403	41.351	ng	99
48) 2-Nitroaniline	9.439	65	193762	40.690	ng	92
49) Acenaphthylene	9.763	152	908744	40.100	ng	100
50) Dimethylphthalate	9.622	163	666370	39.667	ng	99
51) 2,6-Dinitrotoluene	9.686	165	147122	42.429	ng	# 87
52) Acenaphthene	9.933	154	536363	40.435	ng	99
53) 3-Nitroaniline	9.851	138	99521	23.585	ng	93
54) 2,4-Dinitrophenol	9.963	184	172375	100.178	ng	91
55) Dibenzofuran	10.104	168	819945	40.509	ng	98
56) 4-Nitrophenol	10.022	139	231022	81.122	ng	# 80
57) 2,4-Dinitrotoluene	10.092	165	193317	43.837	ng	98
58) Fluorene	10.451	166	632852	40.885	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	174847	43.905	ng	99
60) Diethylphthalate	10.322	149	689575	40.332	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	303169	39.674	ng	97
62) 4-Nitroaniline	10.474	138	157765	38.132	ng	96
63) Azobenzene	10.604	77	648793	40.085	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	113111	54.690	ng	98
66) n-Nitrosodiphenylamine	10.563	169	569135	39.147	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	190937	39.524	ng	96
68) Hexachlorobenzene	10.998	284	213356	41.999	ng	96
69) Atrazine	11.092	200	175110	41.512	ng	99
70) Pentachlorophenol	11.192	266	228967	75.270	ng	99
71) Phenanthrene	11.416	178	895455	40.778	ng	99
72) Anthracene	11.469	178	908016	39.657	ng	100
73) Carbazole	11.627	167	830347	38.937	ng	98
74) Di-n-butylphthalate	11.957	149	1020925	37.344	ng	100
75) Fluoranthene	12.610	202	906815	38.887	ng	99
77) Benzidine	12.733	184	212243	30.512	ng	99
78) Pyrene	12.839	202	890171	46.098	ng	99
80) Butylbenzylphthalate	13.463	149	327486	40.172	ng	97
81) Benzo(a)anthracene	14.039	228	597709	41.685	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	146573	30.747	ng	# 97
83) Chrysene	14.074	228	562225	41.456	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	402288	40.078	ng	99
85) Di-n-octyl phthalate	14.645	149	655475	45.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	735949	46.999	ng	99
88) Benzo(b)fluoranthene	15.104	252	581857	42.084	ng	99
89) Benzo(k)fluoranthene	15.139	252	549372	40.790	ng	98
90) Benzo(a)pyrene	15.486	252	525732	40.971	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	598068	46.134	ng	97
92) Benzo(g,h,i)perylene	17.574	276	590725	45.959	ng	96

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

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