

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136416.D
 Acq On : 05 Dec 2023 20:22
 Operator : CG\JU
 Sample : PB156824BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156824BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 09:42:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	124151	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	539736	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	285249	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	547472	20.000	ng	0.00
76) Chrysene-d12	13.980	240	311165	20.000	ng	0.00
86) Perylene-d12	15.451	264	245221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1103449	131.260	ng	0.02
7) Phenol-d6	6.451	99	1368935	130.517	ng	0.00
23) Nitrobenzene-d5	7.369	82	839603	84.095	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	458262	130.294	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1722583	82.400	ng	0.00
79) Terphenyl-d14	12.927	244	2084672	88.303	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	130839	39.349	ng	99
3) Pyridine	3.434	79	292364	36.308	ng	98
4) n-Nitrosodimethylamine	3.405	42	162035	46.317	ng	98
6) Aniline	6.469	93	411940	38.863	ng	96
8) 2-Chlorophenol	6.593	128	430285	46.885	ng	98
9) Benzaldehyde	6.357	77	126878	21.297	ng	91
10) Phenol	6.463	94	519058	46.507	ng	87
11) bis(2-Chloroethyl)ether	6.546	93	385942	46.393	ng	97
12) 1,3-Dichlorobenzene	6.746	146	446001	43.213	ng	99
13) 1,4-Dichlorobenzene	6.822	146	454156	43.378	ng	97
14) 1,2-Dichlorobenzene	6.969	146	428460	43.519	ng	99
15) Benzyl Alcohol	6.951	79	341858	48.674	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	495969	46.354	ng	98
17) 2-Methylphenol	7.063	107	354913	47.867	ng	97
18) Hexachloroethane	7.310	117	159873	43.737	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	281883	46.590	ng	99
20) 3+4-Methylphenols	7.210	107	420555	45.697	ng	95
22) Acetophenone	7.216	105	596152	44.729	ng	97
24) Nitrobenzene	7.387	77	423764	42.192	ng	99
25) Isophorone	7.622	82	777009	43.318	ng	99
26) 2-Nitrophenol	7.698	139	227763	46.128	ng	98
27) 2,4-Dimethylphenol	7.740	122	377476	61.999	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	482710	43.795	ng	99
29) 2,4-Dichlorophenol	7.940	162	358519	44.612	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	398537	42.530	ng	98
31) Naphthalene	8.104	128	1257804	42.259	ng	100
32) Benzoic acid	7.881	122	281653	46.633	ng	98
33) 4-Chloroaniline	8.151	127	378060	35.628	ng	99
34) Hexachlorobutadiene	8.216	225	226181	40.727	ng	99
35) Caprolactam	8.534	113	117354m	47.420	ng	
36) 4-Chloro-3-methylphenol	8.640	107	383153	44.903	ng	99
37) 2-Methylnaphthalene	8.792	142	816347	43.111	ng	99
38) 1-Methylnaphthalene	8.892	142	759574	40.879	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	389774	43.921	ng	99
41) Hexachlorocyclopentadiene	8.945	237	422688	128.564	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	257727	44.602	ng	100

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44) 2,4,5-Trichlorophenol	9.122	196	283939	44.026	ng	97
46) 1,1'-Biphenyl	9.263	154	1053464	43.403	ng	99
47) 2-Chloronaphthalene	9.287	162	786709	41.644	ng	99
48) 2-Nitroaniline	9.387	65	231684	45.727	ng	89
49) Acenaphthylene	9.698	152	1198442	44.533	ng	99
50) Dimethylphthalate	9.569	163	926865	44.134	ng	100
51) 2,6-Dinitrotoluene	9.628	165	205632	43.523	ng	96
52) Acenaphthene	9.875	154	748386	43.398	ng	97
53) 3-Nitroaniline	9.798	138	187153	38.791	ng	95
54) 2,4-Dinitrophenol	9.910	184	234831	98.306	ng	94
55) Dibenzofuran	10.045	168	1105733	43.891	ng	99
56) 4-Nitrophenol	9.969	139	341327	94.373	ng	99
57) 2,4-Dinitrotoluene	10.034	165	277620	44.418	ng	91
58) Fluorene	10.392	166	870659	43.053	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	245577	47.537	ng	99
60) Diethylphthalate	10.269	149	921045	44.601	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	424072	43.016	ng	99
62) 4-Nitroaniline	10.422	138	215935	45.074	ng	99
63) Azobenzene	10.545	77	825216	43.902	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	162955	48.061	ng	94
66) n-Nitrosodiphenylamine	10.504	169	778165	44.296	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	274857	43.181	ng	98
68) Hexachlorobenzene	10.939	284	313462	42.609	ng	# 90
69) Atrazine	11.033	200	185669	37.030	ng	99
70) Pentachlorophenol	11.133	266	341777	82.316	ng	99
71) Phenanthrene	11.357	178	1359337	45.173	ng	100
72) Anthracene	11.410	178	1365852	45.065	ng	99
73) Carbazole	11.563	167	1181519	44.045	ng	99
74) Di-n-butylphthalate	11.898	149	1476168	44.888	ng	100
75) Fluoranthene	12.545	202	1382401	43.838	ng	99
77) Benzidine	12.669	184	215823	33.880	ng	97
78) Pyrene	12.775	202	1374103	45.091	ng	100
80) Butylbenzylphthalate	13.404	149	521775	48.097	ng	97
81) Benzo(a)anthracene	13.969	228	980881	45.255	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	321364	52.881	ng	99
83) Chrysene	14.010	228	947237	44.419	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	662015	49.779	ng	99
85) Di-n-octyl phthalate	14.580	149	998627	50.836	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	885118	51.956	ng	99
88) Benzo(b)fluoranthene	15.021	252	831477	49.592	ng	100
89) Benzo(k)fluoranthene	15.057	252	730179	46.211	ng	98
90) Benzo(a)pyrene	15.392	252	661203	47.753	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	736050	52.738	ng	100
92) Benzo(g,h,i)perylene	17.427	276	734733	51.290	ng	98

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

