

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136253.D
 Acq On : 28 Nov 2023 17:17
 Operator : CG\JU
 Sample : PB157378BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 00:46:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	148373	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	642815	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	322579	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	587407	20.000	ng	0.00
76) Chrysene-d12	13.986	240	273930	20.000	ng	0.00
86) Perylene-d12	15.462	264	271708	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1409748	132.245	ng	0.01
7) Phenol-d6	6.451	99	1691763	126.923	ng	0.00
23) Nitrobenzene-d5	7.369	82	1038439	85.366	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	530104	134.415	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2168826	85.878	ng	0.00
79) Terphenyl-d14	12.933	244	2108239	88.776	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	158621	39.326	ng	100
3) Pyridine	3.434	79	352123	35.365	ng	98
4) n-Nitrosodimethylamine	3.398	42	214537	42.626	ng	98
6) Aniline	6.475	93	501328	39.793	ng	96
8) 2-Chlorophenol	6.592	128	525974	45.315	ng	95
9) Benzaldehyde	6.357	77	84648	11.394	ng	94
10) Phenol	6.463	94	647887	45.307	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	470481	44.849	ng	95
12) 1,3-Dichlorobenzene	6.745	146	559955	42.510	ng	97
13) 1,4-Dichlorobenzene	6.822	146	571515	42.680	ng	97
14) 1,2-Dichlorobenzene	6.975	146	533129	42.055	ng	98
15) Benzyl Alcohol	6.951	79	412411	44.130	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	634583	43.550	ng	99
17) 2-Methylphenol	7.063	107	415452	45.527	ng	100
18) Hexachloroethane	7.316	117	198162	42.189	ng	91
19) n-Nitroso-di-n-propyla...	7.222	70	352676	44.240	ng	98
20) 3+4-Methylphenols	7.216	107	529193	44.621	ng	92
22) Acetophenone	7.216	105	754547	44.694	ng	# 98
24) Nitrobenzene	7.386	77	528540	42.875	ng	99
25) Isophorone	7.628	82	970276	44.235	ng	99
26) 2-Nitrophenol	7.698	139	257019	48.934	ng	96
27) 2,4-Dimethylphenol	7.739	122	440727	63.751	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	586538	44.208	ng	100
29) 2,4-Dichlorophenol	7.939	162	421532	45.206	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	490904	42.999	ng	98
31) Naphthalene	8.104	128	1585616	43.885	ng	99
32) Benzoic acid	7.875	122	295230	46.858	ng	92
33) 4-Chloroaniline	8.157	127	433339	35.284	ng	98
34) Hexachlorobutadiene	8.222	225	277905	41.608	ng	99
35) Caprolactam	8.533	113	122343m	46.933	ng	
36) 4-Chloro-3-methylphenol	8.639	107	451841	44.678	ng	99
37) 2-Methylnaphthalene	8.798	142	983106	43.376	ng	99
38) 1-Methylnaphthalene	8.898	142	924564	41.817	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	465673	45.360	ng	99
41) Hexachlorocyclopentadiene	8.951	237	548420	138.832	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	310357	46.576	ng	97

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44) 2,4,5-Trichlorophenol	9.122	196	319817	43.981	ng	98
46) 1,1'-Biphenyl	9.263	154	1305954	45.909	ng	98
47) 2-Chloronaphthalene	9.286	162	962194	43.556	ng	98
48) 2-Nitroaniline	9.386	65	268566	46.564	ng	95
49) Acenaphthylene	9.704	152	1465506	46.486	ng	100
50) Dimethylphthalate	9.575	163	1136107	46.598	ng	100
51) 2,6-Dinitrotoluene	9.633	165	230108	46.198	ng	93
52) Acenaphthene	9.880	154	890706	44.709	ng	99
53) 3-Nitroaniline	9.798	138	191992	38.847	ng	99
54) 2,4-Dinitrophenol	9.910	184	234773	101.346	ng	92
55) Dibenzofuran	10.051	168	1333994	44.998	ng	100
56) 4-Nitrophenol	9.969	139	314927	83.900	ng	# 84
57) 2,4-Dinitrotoluene	10.039	165	304894	45.826	ng	99
58) Fluorene	10.392	166	1024509	44.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	273405	47.255	ng	100
60) Diethylphthalate	10.274	149	1093572	44.839	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	497157	44.024	ng	95
62) 4-Nitroaniline	10.422	138	198239	40.978	ng	98
63) Azobenzene	10.551	77	1001358	44.288	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	156103	48.597	ng	93
66) n-Nitrosodiphenylamine	10.510	169	898074	47.708	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	318177	46.429	ng	95
68) Hexachlorobenzene	10.939	284	360909	45.503	ng	# 94
69) Atrazine	11.039	200	171385	30.691	ng	98
70) Pentachlorophenol	11.139	266	370760	82.697	ng	97
71) Phenanthrene	11.357	178	1525006	46.191	ng	99
72) Anthracene	11.410	178	1550825	46.841	ng	100
73) Carbazole	11.569	167	1200164	42.621	ng	99
74) Di-n-butylphthalate	11.904	149	1600047	45.414	ng	100
75) Fluoranthene	12.551	202	1378107	41.118	ng	98
77) Benzidine	12.674	184	178622	39.668	ng	99
78) Pyrene	12.780	202	1369474	45.649	ng	100
80) Butylbenzylphthalate	13.410	149	436667	46.769	ng	97
81) Benzo(a)anthracene	13.974	228	922752	45.352	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	275296	56.209	ng	96
83) Chrysene	14.010	228	883377	44.966	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	554753	49.508	ng	100
85) Di-n-octyl phthalate	14.592	149	959099	52.196	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	937247	46.251	ng	100
88) Benzo(b)fluoranthene	15.033	252	867389	45.502	ng	99
89) Benzo(k)fluoranthene	15.062	252	886773	48.980	ng	100
90) Benzo(a)pyrene	15.404	252	750862	48.184	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	754830	46.403	ng	99
92) Benzo(g,h,i)perylene	17.433	276	741851	45.459	ng	98

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

