

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138809.D
 Acq On : 06 Aug 2024 14:55
 Operator : RC/JU
 Sample : PB162384BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162384BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 06 15:20:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	51692	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	218643	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	120829	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214358	20.000	ng	0.00
76) Chrysene-d12	14.004	240	106576	20.000	ng	0.00
86) Perylene-d12	15.462	264	95791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	439879	131.359	ng	0.02
7) Phenol-d6	6.492	99	572971	127.442	ng	0.00
23) Nitrobenzene-d5	7.416	82	370001	82.737	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	145719	147.228	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	710020	88.290	ng	0.00
79) Terphenyl-d14	12.945	244	710912	111.682	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	46260	31.554	ng	96
3) Pyridine	3.463	79	118286	33.306	ng	95
4) n-Nitrosodimethylamine	3.428	42	99101	46.852	ng	91
6) Aniline	6.510	93	133693	33.344	ng	# 20
8) 2-Chlorophenol	6.634	128	173610	49.276	ng	96
9) Benzaldehyde	6.398	77	120063	44.549	ng	98
10) Phenol	6.510	94	219683	46.408	ng	87
11) bis(2-Chloroethyl)ether	6.581	93	160967	44.189	ng	97
12) 1,3-Dichlorobenzene	6.781	146	173566	44.010	ng	99
13) 1,4-Dichlorobenzene	6.863	146	180728	45.409	ng	99
14) 1,2-Dichlorobenzene	7.010	146	173137	46.547	ng	99
15) Benzyl Alcohol	6.992	79	161132	49.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	256072	40.847	ng	59
17) 2-Methylphenol	7.110	107	138127	47.478	ng	# 88
18) Hexachloroethane	7.351	117	66591	44.449	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	132329	48.732	ng	98
20) 3+4-Methylphenols	7.263	107	184716	49.486	ng	# 81
22) Acetophenone	7.257	105	231619	43.265	ng	99
24) Nitrobenzene	7.434	77	193594	42.543	ng	97
25) Isophorone	7.669	82	339284	44.431	ng	99
26) 2-Nitrophenol	7.745	139	91164	46.564	ng	97
27) 2,4-Dimethylphenol	7.786	122	117249	50.054	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	202834	43.618	ng	99
29) 2,4-Dichlorophenol	7.992	162	140305	46.612	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	153792	44.274	ng	99
31) Naphthalene	8.145	128	511521	44.446	ng	100
32) Benzoic acid	7.939	122	76568	41.583	ng	99
33) 4-Chloroaniline	8.198	127	86950	22.507	ng	99
34) Hexachlorobutadiene	8.257	225	91838	43.650	ng	100
35) Caprolactam	8.592	113	40267m	44.833	ng	
36) 4-Chloro-3-methylphenol	8.692	107	163612	47.561	ng	99
37) 2-Methylnaphthalene	8.839	142	337950	46.496	ng	100
38) 1-Methylnaphthalene	8.933	142	312662	43.899	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	145624	43.386	ng	98
41) Hexachlorocyclopentadiene	8.986	237	106560	116.466	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	96874	47.337	ng	100

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44) 2,4,5-Trichlorophenol	9.175	196	104332	46.634	ng	98
46) 1,1'-Biphenyl	9.304	154	401802	42.460	ng	99
47) 2-Chloronaphthalene	9.327	162	316074	44.909	ng	99
48) 2-Nitroaniline	9.433	65	110525	46.323	ng	99
49) Acenaphthylene	9.745	152	497368	49.826	ng	100
50) Dimethylphthalate	9.604	163	383738	49.669	ng	99
51) 2,6-Dinitrotoluene	9.675	165	81287	46.620	ng	95
52) Acenaphthene	9.916	154	300729	44.817	ng	99
53) 3-Nitroaniline	9.845	138	53360	29.603	ng	98
54) 2,4-Dinitrophenol	9.963	184	81171	101.130	ng	92
55) Dibenzofuran	10.086	168	451168	47.632	ng	99
56) 4-Nitrophenol	10.027	139	96682	89.196	ng	97
57) 2,4-Dinitrotoluene	10.080	165	111312	50.038	ng	# 88
58) Fluorene	10.427	166	367921	48.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	89130	52.110	ng	96
60) Diethylphthalate	10.304	149	375684	51.284	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	180547	48.668	ng	96
62) 4-Nitroaniline	10.463	138	77449	45.214	ng	91
63) Azobenzene	10.580	77	381102	46.906	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	63756	48.752	ng	98
66) n-Nitrosodiphenylamine	10.539	169	313615	46.806	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	107087	46.142	ng	97
68) Hexachlorobenzene	10.974	284	111963	46.724	ng	98
69) Atrazine	11.069	200	93940	54.341	ng	99
70) Pentachlorophenol	11.180	266	90425	83.719	ng	98
71) Phenanthrene	11.392	178	518501	46.975	ng	99
72) Anthracene	11.445	178	528074	48.564	ng	100
73) Carbazole	11.604	167	441059	47.015	ng	100
74) Di-n-butylphthalate	11.921	149	573822	54.411	ng	100
75) Fluoranthene	12.580	202	495703	48.106	ng	99
77) Benzidine	12.698	184	35995	14.121	ng	98
78) Pyrene	12.810	202	493978	49.228	ng	100
80) Butylbenzylphthalate	13.415	149	168030	52.292	ng	97
81) Benzo(a)anthracene	13.992	228	341942	46.592	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	63582	33.855	ng	99
83) Chrysene	14.033	228	321120	48.499	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	196600	41.782	ng	99
85) Di-n-octyl phthalate	14.580	149	331284	38.054	ng	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	327018	47.637	ng	97
88) Benzo(b)fluoranthene	15.039	252	278083	46.830	ng	98
89) Benzo(k)fluoranthene	15.068	252	283966	55.232	ng	99
90) Benzo(a)pyrene	15.404	252	254457	50.944	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	266389	47.273	ng	98
92) Benzo(g,h,i)perylene	17.386	276	248018	42.414	ng	98

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

