

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138865.D
 Acq On : 08 Aug 2024 14:53
 Operator : RC/JU
 Sample : PB162421BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162421BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 15:18:37 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	6.840	152	50788	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	206401	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	119512	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	200005	20.000	ng	0.00
76) Chrysene-d12	14.004	240	98145	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	88888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	422278	128.347	ng	0.02
7) Phenol-d6	6.493	99	563415	127.547	ng	0.00
23) Nitrobenzene-d5	7.410	82	368044	87.181	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	128715	131.481	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	684355	86.037	ng	0.00
79) Terphenyl-d14	12.945	244	657469	112.158	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	44908	31.177	ng	95
3) Pyridine	3.469	79	116046	33.257	ng	95
4) n-Nitrosodimethylamine	3.434	42	103760	49.928	ng	84
6) Aniline	6.510	93	129629	32.905	ng	# 26
8) 2-Chlorophenol	6.634	128	167515	48.393	ng	96
9) Benzaldehyde	6.398	77	107022	40.417	ng	100
10) Phenol	6.504	94	219107	47.110	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	152771	42.685	ng	98
12) 1,3-Dichlorobenzene	6.781	146	171034	44.140	ng	98
13) 1,4-Dichlorobenzene	6.857	146	172771	44.182	ng	100
14) 1,2-Dichlorobenzene	7.010	146	164344	44.970	ng	99
15) Benzyl Alcohol	6.992	79	156630	49.196	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	252753	41.035	ng	# 45
17) 2-Methylphenol	7.110	107	136143	47.629	ng	# 86
18) Hexachloroethane	7.345	117	64809	44.029	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	127463	47.775	ng	99
20) 3+4-Methylphenols	7.263	107	179195	48.861	ng	# 80
22) Acetophenone	7.257	105	227639	45.044	ng	96
24) Nitrobenzene	7.434	77	191011	44.465	ng	98
25) Isophorone	7.669	82	330160	45.801	ng	99
26) 2-Nitrophenol	7.745	139	88731	48.010	ng	96
27) 2,4-Dimethylphenol	7.787	122	113940	51.526	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	194355	44.274	ng	99
29) 2,4-Dichlorophenol	7.992	162	138983	48.912	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	147252	44.905	ng	99
31) Naphthalene	8.145	128	495505	45.608	ng	99
32) Benzoic acid	7.945	122	60948	35.063	ng	97
33) 4-Chloroaniline	8.198	127	74761	20.500	ng	98
34) Hexachlorobutadiene	8.257	225	90673	45.652	ng	99
35) Caprolactam	8.586	113	38028m	44.852	ng	
36) 4-Chloro-3-methylphenol	8.692	107	160085	49.296	ng	98
37) 2-Methylnaphthalene	8.834	142	323147	47.096	ng	100
38) 1-Methylnaphthalene	8.934	142	296673	44.125	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	138529	41.727	ng	99
41) Hexachlorocyclopentadiene	8.981	237	91578	102.108	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	89251	44.092	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	97120	43.889	ng	99
46) 1,1'-Biphenyl	9.298	154	383838	41.008	ng	99
47) 2-Chloronaphthalene	9.328	162	299993	43.094	ng	99
48) 2-Nitroaniline	9.434	65	109884	46.562	ng	98
49) Acenaphthylene	9.739	152	472480	47.855	ng	99
50) Dimethylphthalate	9.604	163	355892	46.572	ng	100
51) 2,6-Dinitrotoluene	9.675	165	77661	45.031	ng	93
52) Acenaphthene	9.910	154	289688	43.648	ng	99
53) 3-Nitroaniline	9.845	138	53394	29.949	ng	95
54) 2,4-Dinitrophenol	9.963	184	68234	85.949	ng	90
55) Dibenzofuran	10.086	168	427792	45.662	ng	99
56) 4-Nitrophenol	10.022	139	81339	75.868	ng	88
57) 2,4-Dinitrotoluene	10.081	165	105671	48.025	ng	# 83
58) Fluorene	10.428	166	345742	46.342	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	79727	47.126	ng	96
60) Diethylphthalate	10.304	149	348550	48.104	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	169273	46.132	ng	96
62) 4-Nitroaniline	10.463	138	73592	43.436	ng	88
63) Azobenzene	10.575	77	368751	45.886	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	57384	47.028	ng	97
66) n-Nitrosodiphenylamine	10.539	169	293422	46.935	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	97029	44.808	ng	95
68) Hexachlorobenzene	10.975	284	103316	46.209	ng	98
69) Atrazine	11.069	200	87867	54.476	ng	99
70) Pentachlorophenol	11.175	266	73441	72.874	ng	98
71) Phenanthrene	11.392	178	492485	47.820	ng	100
72) Anthracene	11.445	178	493425	48.634	ng	99
73) Carbazole	11.598	167	411316	46.991	ng	99
74) Di-n-butylphthalate	11.916	149	524798	53.334	ng	100
75) Fluoranthene	12.574	202	461240	47.974	ng	99
77) Benzidine	12.698	184	33297	14.184	ng	97
78) Pyrene	12.804	202	452799	49.001	ng	99
80) Butylbenzylphthalate	13.416	149	154793	52.311	ng	97
81) Benzo(a)anthracene	13.992	228	317684	47.005	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	60248	34.835	ng	98
83) Chrysene	14.027	228	294677	48.328	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	185077	42.712	ng	97
85) Di-n-octyl phthalate	14.580	149	287558	35.869	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	281434	44.181	ng	96
88) Benzo(b)fluoranthene	15.039	252	262316	47.606	ng	98
89) Benzo(k)fluoranthene	15.068	252	262160	54.951	ng	98
90) Benzo(a)pyrene	15.404	252	241382	52.080	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	229890	43.965	ng	96
92) Benzo(g,h,i)perylene	17.380	276	208280	38.385	ng	97

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

