

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138761.D
 Acq On : 03 Aug 2024 10:28
 Operator : RC/JU
 Sample : PB162460BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162460BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/05/2024
 Supervised By :mohammad
 ahmed

Quant Time: Aug 05 00:48:27 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	6.845	152	64365	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	249170	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	158082	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	274373	20.000	ng	0.00
76) Chrysene-d12	14.016	240	133392	20.000	ng	0.01
86) Perylene-d12	15.480	264	148445	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	425663	102.086	ng	0.02
7) Phenol-d6	6.492	99	641202	114.537	ng	0.00
23) Nitrobenzene-d5	7.416	82	437212	85.788	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	155655	120.206	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	749768	71.262	ng	0.00
79) Terphenyl-d14	12.957	244	724688	90.959	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	44766	24.523	ng	99
3) Pyridine	3.446	79	116466	26.337	ng	96
4) n-Nitrosodimethylamine	3.404	42	89438	33.958	ng	96
6) Aniline	6.510	93	165725	33.194	ng	# 29
8) 2-Chlorophenol	6.640	128	203607	46.412	ng	97
9) Benzaldehyde	6.404	77	159975	47.671	ng	99
10) Phenol	6.510	94	248308	42.127	ng	86
11) bis(2-Chloroethyl)ether	6.587	93	190807	42.067	ng	99
12) 1,3-Dichlorobenzene	6.787	146	209385	42.639	ng	98
13) 1,4-Dichlorobenzene	6.863	146	214419	43.267	ng	98
14) 1,2-Dichlorobenzene	7.016	146	206176	44.516	ng	99
15) Benzyl Alcohol	6.998	79	190671	47.256	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	320763	41.092	ng	58
17) 2-Methylphenol	7.110	107	162477	44.852	ng	# 92
18) Hexachloroethane	7.357	117	77997	41.811	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	148951	44.053	ng	97
20) 3+4-Methylphenols	7.263	107	205461	44.206	ng	# 88
22) Acetophenone	7.257	105	259695	42.567	ng	# 97
24) Nitrobenzene	7.434	77	230925	44.529	ng	98
25) Isophorone	7.675	82	431772	49.616	ng	99
26) 2-Nitrophenol	7.751	139	113571	50.902	ng	99
27) 2,4-Dimethylphenol	7.787	122	144361	54.078	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	250845	47.334	ng	99
29) 2,4-Dichlorophenol	7.992	162	155868	45.439	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	172963	43.693	ng	99
31) Naphthalene	8.151	128	581200	44.314	ng	99
32) Benzoic acid	7.928	122	72812	34.698	ng	99
33) 4-Chloroaniline	8.204	127	125161	28.429	ng	99
34) Hexachlorobutadiene	8.263	225	106543	44.435	ng	99
35) Caprolactam	8.586	113	42445m	41.468	ng	
36) 4-Chloro-3-methylphenol	8.692	107	177560	45.292	ng	100
37) 2-Methylnaphthalene	8.839	142	358609	43.294	ng	99
38) 1-Methylnaphthalene	8.939	142	336322	41.436	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	157430	35.850	ng	97
41) Hexachlorocyclopentadiene	8.992	237	117759	99.458	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	103548	38.674	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	109725	37.487	ng	99
46) 1,1'-Biphenyl	9.310	154	434533	35.097	ng	99
47) 2-Chloronaphthalene	9.333	162	336727	36.569	ng	99
48) 2-Nitroaniline	9.433	65	125764	40.288	ng	99
49) Acenaphthylene	9.751	152	588581	45.069	ng	99
50) Dimethylphthalate	9.610	163	469260	46.425	ng	100
51) 2,6-Dinitrotoluene	9.675	165	101109	44.323	ng	93
52) Acenaphthene	9.922	154	333325	37.969	ng	99
53) 3-Nitroaniline	9.845	138	74108	31.425	ng	98
54) 2,4-Dinitrophenol	9.963	184	82026	78.112	ng	92
55) Dibenzofuran	10.092	168	490785	39.604	ng	99
56) 4-Nitrophenol	10.028	139	98806	69.674	ng	98
57) 2,4-Dinitrotoluene	10.086	165	120072	41.256	ng	# 88
58) Fluorene	10.433	166	389614	39.481	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	96270	43.021	ng	96
60) Diethylphthalate	10.310	149	402196	41.965	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	191493	39.455	ng	99
62) 4-Nitroaniline	10.463	138	83783	37.385	ng	97
63) Azobenzene	10.586	77	428299	40.293	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	66195	39.545	ng	98
66) n-Nitrosodiphenylamine	10.545	169	337535	39.357	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	119819	40.335	ng	100
68) Hexachlorobenzene	10.986	284	127731	41.645	ng	95
69) Atrazine	11.075	200	119963	54.216	ng	98
70) Pentachlorophenol	11.186	266	110070	79.616	ng	99
71) Phenanthrene	11.398	178	638711	45.209	ng	100
72) Anthracene	11.451	178	656697	47.183	ng	99
73) Carbazole	11.610	167	533635	44.441	ng	99
74) Di-n-butylphthalate	11.927	149	694525	51.451	ng	100
75) Fluoranthene	12.586	202	566515	42.952	ng	100
77) Benzidine	12.710	184	60213	18.873	ng	99
78) Pyrene	12.816	202	547825	43.619	ng	98
80) Butylbenzylphthalate	13.427	149	194540	48.371	ng	98
81) Benzo(a)anthracene	14.004	228	428592	46.659	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	85256	36.269	ng	99
83) Chrysene	14.039	228	394448	47.597	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	294920	50.077	ng	100
85) Di-n-octyl phthalate	14.598	149	503013	46.164	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	504505	47.424	ng	98
88) Benzo(b)fluoranthene	15.057	252	415105	45.110	ng	98
89) Benzo(k)fluoranthene	15.086	252	376910	47.307	ng	98
90) Benzo(a)pyrene	15.421	252	380159	49.114	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	407771	46.696	ng	99
92) Benzo(g,h,i)perylene	17.421	276	393974	43.476	ng	98

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

