

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138810.D
 Acq On : 06 Aug 2024 15:29
 Operator : RC/JU
 Sample : PB162320BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162320BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 16:04:42 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	51264	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	218712	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	122436	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214350	20.000	ng	0.00
76) Chrysene-d12	14.004	240	103075	20.000	ng	0.00
86) Perylene-d12	15.462	264	95989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	438574	132.063	ng	0.02
7) Phenol-d6	6.492	99	577208	129.456	ng	0.00
23) Nitrobenzene-d5	7.410	82	374455	83.706	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	143546	143.129	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	709157	87.026	ng	0.00
79) Terphenyl-d14	12.945	244	704748	114.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	46133	31.730	ng	96
3) Pyridine	3.463	79	120388	34.181	ng	95
4) n-Nitrosodimethylamine	3.428	42	98754	47.078	ng	92
6) Aniline	6.510	93	135512	34.079	ng	# 23
8) 2-Chlorophenol	6.634	128	172259	49.301	ng	96
9) Benzaldehyde	6.398	77	122431	45.806	ng	99
10) Phenol	6.510	94	222487	47.393	ng	87
11) bis(2-Chloroethyl)ether	6.581	93	160238	44.356	ng	99
12) 1,3-Dichlorobenzene	6.781	146	174612	44.645	ng	99
13) 1,4-Dichlorobenzene	6.857	146	178145	45.134	ng	98
14) 1,2-Dichlorobenzene	7.010	146	170884	46.325	ng	100
15) Benzyl Alcohol	6.992	79	162833	50.670	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	256553	41.266	ng	59
17) 2-Methylphenol	7.110	107	139899	48.489	ng	# 88
18) Hexachloroethane	7.351	117	67168	45.208	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	131961	49.002	ng	98
20) 3+4-Methylphenols	7.263	107	185593	50.136	ng	# 81
22) Acetophenone	7.257	105	231458	43.222	ng	99
24) Nitrobenzene	7.434	77	193620	42.535	ng	97
25) Isophorone	7.669	82	345861	45.278	ng	99
26) 2-Nitrophenol	7.745	139	92041	46.997	ng	97
27) 2,4-Dimethylphenol	7.786	122	117310	50.064	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	202708	43.577	ng	99
29) 2,4-Dichlorophenol	7.992	162	145358	48.276	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	154235	44.387	ng	98
31) Naphthalene	8.145	128	510399	44.335	ng	100
32) Benzoic acid	7.945	122	75955	41.237	ng	98
33) 4-Chloroaniline	8.198	127	84841	21.954	ng	99
34) Hexachlorobutadiene	8.257	225	92276	43.844	ng	98
35) Caprolactam	8.592	113	39956m	44.473	ng	
36) 4-Chloro-3-methylphenol	8.692	107	165444	48.079	ng	99
37) 2-Methylnaphthalene	8.839	142	339333	46.672	ng	99
38) 1-Methylnaphthalene	8.933	142	309248	43.406	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	145154	42.678	ng	99
41) Hexachlorocyclopentadiene	8.986	237	107684	116.169	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	96191	46.386	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	101662	44.844	ng	98
46) 1,1'-Biphenyl	9.304	154	403521	42.082	ng	99
47) 2-Chloronaphthalene	9.328	162	321117	45.027	ng	99
48) 2-Nitroaniline	9.433	65	110601	45.746	ng	97
49) Acenaphthylene	9.745	152	498330	49.267	ng	99
50) Dimethylphthalate	9.604	163	381287	48.704	ng	99
51) 2,6-Dinitrotoluene	9.675	165	82472	46.679	ng	97
52) Acenaphthene	9.916	154	307561	45.234	ng	99
53) 3-Nitroaniline	9.845	138	54466	29.820	ng	98
54) 2,4-Dinitrophenol	9.963	184	83621	102.815	ng	94
55) Dibenzofuran	10.086	168	455671	47.476	ng	99
56) 4-Nitrophenol	10.028	139	96615	87.964	ng	97
57) 2,4-Dinitrotoluene	10.080	165	112998	50.129	ng	# 88
58) Fluorene	10.427	166	370008	48.410	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	86745	50.050	ng	97
60) Diethylphthalate	10.304	149	379312	51.100	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	176801	47.033	ng	95
62) 4-Nitroaniline	10.463	138	77757	44.798	ng	92
63) Azobenzene	10.580	77	383170	46.542	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	63829	48.809	ng	98
66) n-Nitrosodiphenylamine	10.545	169	314453	46.932	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	107014	46.112	ng	99
68) Hexachlorobenzene	10.974	284	110243	46.008	ng	99
69) Atrazine	11.069	200	94662	54.761	ng	99
70) Pentachlorophenol	11.180	266	90194	83.508	ng	99
71) Phenanthrene	11.392	178	520618	47.169	ng	100
72) Anthracene	11.445	178	528644	48.619	ng	100
73) Carbazole	11.604	167	444068	47.337	ng	99
74) Di-n-butylphthalate	11.921	149	573050	54.340	ng	100
75) Fluoranthene	12.580	202	489813	47.536	ng	99
77) Benzidine	12.698	184	38932	15.792	ng	98
78) Pyrene	12.810	202	481612	49.626	ng	100
80) Butylbenzylphthalate	13.416	149	162146	52.175	ng	98
81) Benzo(a)anthracene	13.992	228	342099	48.197	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	61900	34.078	ng	98
83) Chrysene	14.033	228	314801	49.159	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	199043	43.738	ng	99
85) Di-n-octyl phthalate	14.580	149	337367	40.069	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	326541	47.470	ng	97
88) Benzo(b)fluoranthene	15.039	252	312391	52.499	ng	98
89) Benzo(k)fluoranthene	15.068	252	247322	48.006	ng	99
90) Benzo(a)pyrene	15.404	252	256684	51.284	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	271089	48.008	ng	98
92) Benzo(g,h,i)perylene	17.386	276	247859	42.300	ng	95

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

