

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138990.D
 Acq On : 14 Aug 2024 13:02
 Operator : RC/JU
 Sample : PB162577BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162577BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 14 13:41:22 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	6.834	152	47842	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	194483	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	111110	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	188477	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	93994	20.000	ng	0.00
86) Perylene-d12	15.463	264	89767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	396209	127.839	ng	0.01
7) Phenol-d6	6.487	99	526795	126.600	ng	0.00
23) Nitrobenzene-d5	7.404	82	346956	87.222	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	117559	129.166	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	637971	86.270	ng	-0.01
79) Terphenyl-d14	12.939	244	579648	103.250	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	43032	31.714	ng	95
3) Pyridine	3.440	79	106265	32.329	ng	# 90
4) n-Nitrosodimethylamine	3.399	42	104510	53.386	ng	82
6) Aniline	6.504	93	115443	31.109	ng	# 5
8) 2-Chlorophenol	6.628	128	156204	47.904	ng	99
9) Benzaldehyde	6.393	77	72919	29.233	ng	99
10) Phenol	6.504	94	203859	46.531	ng	85
11) bis(2-Chloroethyl)ether	6.575	93	149129	44.233	ng	99
12) 1,3-Dichlorobenzene	6.775	146	162910	44.632	ng	98
13) 1,4-Dichlorobenzene	6.851	146	165823	45.017	ng	99
14) 1,2-Dichlorobenzene	7.004	146	155291	45.109	ng	99
15) Benzyl Alcohol	6.993	79	148155	49.400	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	252520	43.522	ng	# 47
17) 2-Methylphenol	7.104	107	123669	45.930	ng	# 85
18) Hexachloroethane	7.340	117	63667	45.917	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	122014	48.549	ng	98
20) 3+4-Methylphenols	7.257	107	168332	48.726	ng	# 84
22) Acetophenone	7.251	105	213982	44.936	ng	98
24) Nitrobenzene	7.428	77	181069	44.733	ng	100
25) Isophorone	7.663	82	315335	46.425	ng	98
26) 2-Nitrophenol	7.740	139	80242	46.077	ng	91
27) 2,4-Dimethylphenol	7.781	122	107202	51.450	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	182202	44.049	ng	98
29) 2,4-Dichlorophenol	7.987	162	129309	48.296	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	138773	44.913	ng	99
31) Naphthalene	8.140	128	459770	44.913	ng	100
32) Benzoic acid	7.940	122	51527	31.460	ng	95
33) 4-Chloroaniline	8.198	127	88602	25.784	ng	98
34) Hexachlorobutadiene	8.251	225	85583	45.730	ng	99
35) Caprolactam	8.581	113	38437m	48.112	ng	
36) 4-Chloro-3-methylphenol	8.692	107	148691	48.593	ng	100
37) 2-Methylnaphthalene	8.828	142	301826	46.685	ng	99
38) 1-Methylnaphthalene	8.928	142	279450	44.110	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	127590	41.338	ng	98
41) Hexachlorocyclopentadiene	8.975	237	72761	88.275	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	81823	43.479	ng	98

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44) 2,4,5-Trichlorophenol	9.169	196	90217	43.852	ng	98
46) 1,1'-Biphenyl	9.292	154	362034	41.604	ng	99
47) 2-Chloronaphthalene	9.322	162	281494	43.495	ng	99
48) 2-Nitroaniline	9.428	65	105429	48.052	ng	96
49) Acenaphthylene	9.734	152	450831	49.115	ng	99
50) Dimethylphthalate	9.598	163	342992	48.278	ng	100
51) 2,6-Dinitrotoluene	9.669	165	74319	46.352	ng	90
52) Acenaphthene	9.904	154	273638	44.347	ng	99
53) 3-Nitroaniline	9.839	138	51199	30.889	ng	97
54) 2,4-Dinitrophenol	9.957	184	56937	77.142	ng	# 83
55) Dibenzofuran	10.081	168	406209	46.636	ng	98
56) 4-Nitrophenol	10.022	139	69430	69.657	ng	84
57) 2,4-Dinitrotoluene	10.075	165	100955	49.352	ng	# 79
58) Fluorene	10.422	166	333079	48.021	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	71435	45.418	ng	95
60) Diethylphthalate	10.292	149	339202	50.354	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	160748	47.122	ng	95
62) 4-Nitroaniline	10.457	138	67513m	42.861	ng	
63) Azobenzene	10.569	77	353281	47.286	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	51649	44.917	ng	91
66) n-Nitrosodiphenylamine	10.533	169	278648	47.298	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	92779	45.466	ng	98
68) Hexachlorobenzene	10.969	284	95943	45.536	ng	98
69) Atrazine	11.063	200	80207	52.768	ng	98
70) Pentachlorophenol	11.175	266	61030	64.263	ng	97
71) Phenanthrene	11.386	178	454856	46.868	ng	99
72) Anthracene	11.439	178	464439	48.577	ng	100
73) Carbazole	11.598	167	378097	45.838	ng	98
74) Di-n-butylphthalate	11.910	149	494407	53.318	ng	99
75) Fluoranthene	12.575	202	410322	45.288	ng	98
77) Benzidine	12.698	184	24670	10.973	ng	97
78) Pyrene	12.804	202	408455	46.154	ng	100
80) Butylbenzylphthalate	13.410	149	147707	52.120	ng	98
81) Benzo(a)anthracene	13.986	228	314088	48.526	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	61937	37.393	ng	99
83) Chrysene	14.027	228	269329	46.122	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	183794	44.289	ng	99
85) Di-n-octyl phthalate	14.574	149	290690	37.861	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	301753	46.907	ng	96
88) Benzo(b)fluoranthene	15.039	252	263687	47.386	ng	98
89) Benzo(k)fluoranthene	15.068	252	254630	52.850	ng	98
90) Benzo(a)pyrene	15.404	252	241431	51.580	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	243594	46.129	ng	97
92) Benzo(g,h,i)perylene	17.386	276	225544	41.159	ng	97

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

