

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137975.D
 Acq On : 21 May 2024 13:23
 Operator : CG\JU
 Sample : PB160998BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160998BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 05/22/2024

Supervised By :mohammad
 ahmed
 05/24/2024

Quant Time: May 21 13:46:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

1) 1,4-Dichlorobenzene-d4	7.034	152	171696	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	678512	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	382398	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	650037	20.000	ng	0.00
76) Chrysene-d12	14.227	240	368262	20.000	ng	0.00
86) Perylene-d12	15.786	264	316687	20.000	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.675	112	1234064	122.090	ng	0.01
7) Phenol-d6	6.657	99	1545738	124.143	ng	0.00
23) Nitrobenzene-d5	7.598	82	955273	82.855	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	538202	139.586	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	2044201	82.345	ng	0.00
79) Terphenyl-d14	13.168	244	2197327	87.938	ng	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.051	88	155162	35.435	ng	99
3) Pyridine	3.793	79	357993	36.437	ng	97
4) n-Nitrosodimethylamine	3.757	42	191510	44.184	ng	97
6) Aniline	6.698	93	337205m	30.278	ng	
8) 2-Chlorophenol	6.822	128	513847	46.975	ng	96
9) Benzaldehyde	6.592	77	417279	61.943	ng	99
10) Phenol	6.669	94	561223	44.656	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	450588	46.695	ng	98
12) 1,3-Dichlorobenzene	6.975	146	533502	42.154	ng	98
13) 1,4-Dichlorobenzene	7.051	146	541871	42.655	ng	99
14) 1,2-Dichlorobenzene	7.204	146	524930	43.904	ng	98
15) Benzyl Alcohol	7.175	79	409888	49.299	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	556194	46.890	ng	98
17) 2-Methylphenol	7.275	107	401933	46.075	ng	99
18) Hexachloroethane	7.545	117	187067	43.516	ng	95
19) n-Nitroso-di-n-propyla...	7.445	70	326482	46.671	ng	97
20) 3+4-Methylphenols	7.428	107	512216	44.820	ng	92
22) Acetophenone	7.445	105	677948	44.602	ng	# 99
24) Nitrobenzene	7.616	77	490036	41.897	ng	97
25) Isophorone	7.851	82	923359	46.145	ng	99
26) 2-Nitrophenol	7.934	139	277965	47.297	ng	98
27) 2,4-Dimethylphenol	7.957	122	377070	49.835	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	561917	46.334	ng	99
29) 2,4-Dichlorophenol	8.169	162	439242	46.164	ng	100
30) 1,2,4-Trichlorobenzene	8.257	180	460275	43.326	ng	99
31) Naphthalene	8.345	128	1478597	43.341	ng	100
32) Benzoic acid	8.086	122	326945	51.116	ng	98
33) 4-Chloroaniline	8.381	127	169451	15.151	ng	98
34) Hexachlorobutadiene	8.451	225	284100	42.250	ng	98
35) Caprolactam	8.769	113	135496m	49.153	ng	
36) 4-Chloro-3-methylphenol	8.863	107	452684	46.769	ng	97
37) 2-Methylnaphthalene	9.033	142	980350	44.705	ng	98
38) 1-Methylnaphthalene	9.133	142	906920	42.067	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	469714	45.182	ng	99
41) Hexachlorocyclopentadiene	9.186	237	510651	129.272	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	329503	48.340	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.351	196	341435	45.779	ng	97	05/22/2024
46) 1,1'-Biphenyl	9.498	154	1209799	45.107	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.528	162	942546	44.023	ng	98	
48) 2-Nitroaniline	9.622	65	253811	46.294	ng	97	
49) Acenaphthylene	9.945	152	1484031	48.206	ng	99	
50) Dimethylphthalate	9.798	163	1136719	47.404	ng	99	
51) 2,6-Dinitrotoluene	9.863	165	250649	45.543	ng	99	05/24/2024
52) Acenaphthene	10.122	154	1000982	49.195	ng	99	
53) 3-Nitroaniline	10.033	138	174636	32.458	ng	100	
54) 2,4-Dinitrophenol	10.139	184	278000	92.324	ng	# 86	
55) Dibenzofuran	10.292	168	1339840	45.246	ng	99	
56) 4-Nitrophenol	10.192	139	387708	100.330	ng	94	
57) 2,4-Dinitrotoluene	10.269	165	340190	47.814	ng	# 88	
58) Fluorene	10.639	166	1054370	45.016	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.404	232	292740	49.963	ng	98	
60) Diethylphthalate	10.498	149	1053505	47.041	ng	99	
61) 4-Chlorophenyl-phenyle...	10.622	204	526651	45.595	ng	99	
62) 4-Nitroaniline	10.657	138	227934	44.666	ng	97	
63) Azobenzene	10.786	77	961955	47.223	ng	100	
65) 4,6-Dinitro-2-methylph...	10.680	198	189203	50.409	ng	99	
66) n-Nitrosodiphenylamine	10.745	169	920101	46.156	ng	99	
67) 4-Bromophenyl-phenylether	11.116	248	334045	46.875	ng	99	
68) Hexachlorobenzene	11.186	284	358828	45.552	ng	99	
69) Atrazine	11.269	200	305152	56.058	ng	99	
70) Pentachlorophenol	11.380	266	434268	94.115	ng	98	
71) Phenanthrene	11.604	178	1464102	45.706	ng	99	
72) Anthracene	11.657	178	1482134	46.633	ng	99	
73) Carbazole	11.810	167	1296515	44.656	ng	99	
74) Di-n-butylphthalate	12.127	149	1580704	49.058	ng	100	
75) Fluoranthene	12.798	202	1458754	44.865	ng	99	
77) Benzidine	12.910	184	64345	13.370	ng	98	
78) Pyrene	13.027	202	1460999	45.359	ng	99	
80) Butylbenzylphthalate	13.633	149	526414	54.184	ng	98	
81) Benzo(a)anthracene	14.215	228	1112747	47.760	ng	99	
82) 3,3'-Dichlorobenzidine	14.174	252	225018	34.850	ng	98	
83) Chrysene	14.257	228	1030714	46.257	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.186	149	679137	55.609	ng	99	
85) Di-n-octyl phthalate	14.815	149	956279	57.961	ng	99	
87) Indeno(1,2,3-cd)pyrene	17.421	276	1018524	50.060	ng	99	
88) Benzo(b)fluoranthene	15.321	252	885491	48.292	ng	99	
89) Benzo(k)fluoranthene	15.351	252	894897	49.679	ng	99	
90) Benzo(a)pyrene	15.721	252	800710	51.139	ng	98	
91) Dibenzo(a,h)anthracene	17.439	278	839562	49.943	ng	99	
92) Benzo(g,h,i)perylene	17.915	276	814982	46.150	ng	100	

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

