

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138045.D
 Acq On : 28 May 2024 14:10
 Operator : CG\JU
 Sample : P2612-10MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 14:32:05 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	139935	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	530750	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	277227	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	372137	20.000	ng	0.00
76) Chrysene-d12	14.233	240	270539	20.000	ng	0.00
86) Perylene-d12	15.798	264	248496	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	782491	94.985	ng	0.00
7) Phenol-d6	6.657	99	966839	95.274	ng	0.00
23) Nitrobenzene-d5	7.598	82	578694	64.167	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	251538	89.987	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1092808	60.721	ng	0.00
79) Terphenyl-d14	13.163	244	809723	44.111	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.016	88	133745	37.476	ng	99
3) Pyridine	3.769	79	326906	40.825	ng	100
4) n-Nitrosodimethylamine	3.734	42	150256	42.535	ng	97
6) Aniline	6.698	93	287339m	31.657	ng	
8) 2-Chlorophenol	6.822	128	398645	44.715	ng	98
9) Benzaldehyde	6.587	77	60025	10.933	ng	99
10) Phenol	6.669	94	451314	44.061	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	346501	44.058	ng	97
12) 1,3-Dichlorobenzene	6.975	146	429878	41.675	ng	98
13) 1,4-Dichlorobenzene	7.051	146	438555	42.357	ng	98
14) 1,2-Dichlorobenzene	7.204	146	417311	42.825	ng	99
15) Benzyl Alcohol	7.175	79	314836	46.461	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	432689	44.757	ng	99
17) 2-Methylphenol	7.281	107	311184	43.768	ng	98
18) Hexachloroethane	7.545	117	149386	42.638	ng	95
19) n-Nitroso-di-n-propyla...	7.439	70	255177	44.757	ng	99
20) 3+4-Methylphenols	7.428	107	398030	42.733	ng	95
22) Acetophenone	7.445	105	533216	44.847	ng	99
24) Nitrobenzene	7.616	77	383815	41.951	ng	97
25) Isophorone	7.851	82	693144	44.284	ng	99
26) 2-Nitrophenol	7.934	139	215748	46.931	ng	98
27) 2,4-Dimethylphenol	7.957	122	283144	47.839	ng	96
28) bis(2-Chloroethoxy)met...	8.057	93	418725	44.139	ng	99
29) 2,4-Dichlorophenol	8.175	162	329349	44.251	ng	97
30) 1,2,4-Trichlorobenzene	8.257	180	356548	42.906	ng	100
31) Naphthalene	8.345	128	1259710	47.204	ng	99
32) Benzoic acid	8.075	122	226455m	45.262	ng	
33) 4-Chloroaniline	8.386	127	146719	16.771	ng	97
34) Hexachlorobutadiene	8.451	225	220049	41.835	ng	99
35) Caprolactam	8.763	113	99149	45.981	ng	98
36) 4-Chloro-3-methylphenol	8.863	107	328855	43.435	ng	97
37) 2-Methylnaphthalene	9.033	142	761627	44.400	ng	99
38) 1-Methylnaphthalene	9.133	142	696992	41.330	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	355260	47.137	ng	99
41) Hexachlorocyclopentadiene	9.186	237	236863	82.710	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	230890	46.724	ng	99

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44) 2,4,5-Trichlorophenol	9.357	196	242134	44.781	ng	98
46) 1,1'-Biphenyl	9.498	154	897340	46.149	ng	99
47) 2-Chloronaphthalene	9.528	162	684029	44.069	ng	98
48) 2-Nitroaniline	9.622	65	179101	45.060	ng	96
49) Acenaphthylene	9.945	152	1045830	46.860	ng	99
50) Dimethylphthalate	9.798	163	815124	46.888	ng	100
51) 2,6-Dinitrotoluene	9.863	165	175769	44.053	ng	95
52) Acenaphthene	10.122	154	677931	45.958	ng	99
53) 3-Nitroaniline	10.033	138	127979	32.810	ng	100
54) 2,4-Dinitrophenol	10.139	184	150675	70.781	ng	# 83
55) Dibenzofuran	10.292	168	933397	43.479	ng	98
56) 4-Nitrophenol	10.186	139	220395	78.670	ng	95
57) 2,4-Dinitrotoluene	10.269	165	220251	42.700	ng	99
58) Fluorene	10.633	166	715308	42.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	182654	43.001	ng	97
60) Diethylphthalate	10.498	149	737281	45.411	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	364295	43.504	ng	97
62) 4-Nitroaniline	10.651	138	138083	37.324	ng	95
63) Azobenzene	10.786	77	622229	42.133	ng	96
65) 4,6-Dinitro-2-methylph...	10.675	198	101603	47.285	ng	97
66) n-Nitrosodiphenylamine	10.739	169	599133	52.499	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	208154	51.022	ng	97
68) Hexachlorobenzene	11.186	284	211976	47.005	ng	97
69) Atrazine	11.263	200	183522	58.891	ng	99
70) Pentachlorophenol	11.380	266	229830	87.005	ng	98
71) Phenanthrene	11.604	178	834758	45.519	ng	100
72) Anthracene	11.657	178	838111	46.062	ng	100
73) Carbazole	11.810	167	715027	43.019	ng	99
74) Di-n-butylphthalate	12.127	149	911003	49.388	ng	100
75) Fluoranthene	12.798	202	772926	41.524	ng	99
77) Benzidine	12.916	184	245609	69.466	ng	100
78) Pyrene	13.027	202	797851	33.718	ng	100
80) Butylbenzylphthalate	13.633	149	318960	44.689	ng	99
81) Benzo(a)anthracene	14.221	228	783531	45.778	ng	98
82) 3,3'-Dichlorobenzidine	14.180	252	219726	46.323	ng	98
83) Chrysene	14.257	228	741678	45.309	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	489004	54.504	ng	98
85) Di-n-octyl phthalate	14.815	149	814443	67.195	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	570373	35.726	ng	98
88) Benzo(b)fluoranthene	15.327	252	707195	49.152	ng	99
89) Benzo(k)fluoranthene	15.357	252	703645	49.781	ng	97
90) Benzo(a)pyrene	15.727	252	606034	49.327	ng	97
91) Dibenzo(a,h)anthracene	17.445	278	456620	34.617	ng	99
92) Benzo(g,h,i)perylene	17.921	276	421456	30.415	ng	99

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

