

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138104.D
 Acq On : 03 Jun 2024 13:56
 Operator : CG\JU
 Sample : P2646-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPSMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 14:24:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	127072	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	493210	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	273122	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	438542	20.000	ng	0.00
76) Chrysene-d12	14.233	240	222103	20.000	ng	0.00
86) Perylene-d12	15.798	264	272058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	870931	122.522	ng	0.02
7) Phenol-d6	6.663	99	1002209	109.487	ng	0.00
23) Nitrobenzene-d5	7.598	82	709330	83.804	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	388526	121.955	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1522103	82.609	ng	0.00
79) Terphenyl-d14	13.168	244	1297792	84.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.151	88	116486	37.745	ng	# 83
3) Pyridine	3.851	79	213635	31.328	ng	99
4) n-Nitrosodimethylamine	3.787	42	138322	46.180	ng	96
6) Aniline	6.722	93	33368	10.174	ng	99
8) 2-Chlorophenol	6.828	128	361316	44.308	ng	96
9) Benzaldehyde	6.587	77	18656	4.585	ng	94
10) Phenol	6.681	94	370498	40.855	ng	96
11) bis(2-Chloroethyl)ether	6.769	93	379268	50.562	ng	96
12) 1,3-Dichlorobenzene	6.975	146	390895	41.252	ng	97
13) 1,4-Dichlorobenzene	7.051	146	400612	42.056	ng	98
14) 1,2-Dichlorobenzene	7.204	146	381581	42.335	ng	100
15) Benzyl Alcohol	7.181	79	254651	60.262	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	371265	44.907	ng	85
17) 2-Methylphenol	7.286	107	285374	43.597	ng	96
18) Hexachloroethane	7.545	117	134790	41.656	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	232089	43.725	ng	96
20) 3+4-Methylphenols	7.439	107	352778	42.873	ng	# 56
22) Acetophenone	7.439	105	482291	43.403	ng	95
24) Nitrobenzene	7.616	77	364886	43.313	ng	97
25) Isophorone	7.857	82	650961	44.577	ng	99
26) 2-Nitrophenol	7.933	139	203509	45.197	ng	96
27) 2,4-Dimethylphenol	7.963	122	272122	50.488	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	396590	44.378	ng	99
29) 2,4-Dichlorophenol	8.181	162	324237	44.822	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	337234	42.066	ng	98
31) Naphthalene	8.339	128	1080045	42.561	ng	100
32) Benzoic acid	8.075	122	129257	33.233	ng	97
33) 4-Chloroaniline	8.433	127	60363	7.048	ng	97
34) Hexachlorobutadiene	8.451	225	207149	40.004	ng	99
35) Caprolactam	8.775	113	70978m	32.462	ng	
36) 4-Chloro-3-methylphenol	8.875	107	318942	43.981	ng	99
37) 2-Methylnaphthalene	9.033	142	715609	42.860	ng	99
38) 1-Methylnaphthalene	9.133	142	666845	41.041	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	350180	45.170	ng	99
41) Hexachlorocyclopentadiene	9.180	237	363070	134.252	ng	98
43) 2,4,6-Trichlorophenol	9.316	196	231110	44.941	ng	99

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44) 2,4,5-Trichlorophenol	9.363	196	251355	44.828	ng	99
46) 1,1'-Biphenyl	9.498	154	880241	44.809	ng	98
47) 2-Chloronaphthalene	9.527	162	684820	43.466	ng	99
48) 2-Nitroaniline	9.627	65	183091	46.409	ng	94
49) Acenaphthylene	9.945	152	1087343	48.225	ng	99
50) Dimethylphthalate	9.798	163	824903	45.578	ng	99
51) 2,6-Dinitrotoluene	9.863	165	184335	44.365	ng	92
52) Acenaphthene	10.116	154	618885	43.338	ng	99
53) 3-Nitroaniline	10.039	138	91851	23.224	ng	99
54) 2,4-Dinitrophenol	10.145	184	143606	71.088	ng	96
55) Dibenzofuran	10.292	168	980014	44.697	ng	99
56) 4-Nitrophenol	10.204	139	221608	84.071	ng	96
57) 2,4-Dinitrotoluene	10.275	165	243996	44.532	ng	97
58) Fluorene	10.633	166	767956	43.473	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	201927	45.707	ng	99
60) Diethylphthalate	10.498	149	755536	43.952	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	380337	42.637	ng	96
62) 4-Nitroaniline	10.657	138	155894	43.417	ng	97
63) Azobenzene	10.786	77	668429	45.252	ng	96
65) 4,6-Dinitro-2-methylph...	10.680	198	118567	43.117	ng	87
66) n-Nitrosodiphenylamine	10.745	169	648940	47.569	ng	100
67) 4-Bromophenyl-phenylether	11.116	248	238262	46.352	ng	94
68) Hexachlorobenzene	11.186	284	259572	45.445	ng	94
69) Atrazine	11.269	200	152756	40.558	ng	100
70) Pentachlorophenol	11.380	266	244703	82.754	ng	98
71) Phenanthrene	11.604	178	1023009	46.376	ng	99
72) Anthracene	11.657	178	1045039	47.502	ng	99
73) Carbazole	11.816	167	863844	42.262	ng	99
74) Di-n-butylphthalate	12.127	149	1046757	42.911	ng	99
75) Fluoranthene	12.798	202	917397	39.416	ng	99
77) Benzidine	12.939	184	15260	7.609	ng	# 21
78) Pyrene	13.033	202	880039	46.641	ng	99
80) Butylbenzylphthalate	13.633	149	315468	46.052	ng	94
81) Benzo(a)anthracene	14.221	228	696192	47.996	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	122815	31.607	ng	97
83) Chrysene	14.262	228	659941	48.185	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	408472	43.829	ng	98
85) Di-n-octyl phthalate	14.815	149	683774	50.065	ng	99
87) Indeno(1,2,3-cd)pyrene	17.439	276	807651	49.253	ng	100
88) Benzo(b)fluoranthene	15.327	252	760839	45.395	ng	99
89) Benzo(k)fluoranthene	15.362	252	683476	42.919	ng	98
90) Benzo(a)pyrene	15.733	252	692576	49.433	ng	98
91) Dibenzo(a,h)anthracene	17.456	278	657527	48.875	ng	99
92) Benzo(g,h,i)perylene	17.939	276	597513	43.726	ng	100

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

