

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137942.D
 Acq On : 17 May 2024 20:15
 Operator : CG\JU
 Sample : P2480-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-JJMSD

Quant Time: May 17 22:54:45 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	126649	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	492663	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	276337	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	476545	20.000	ng	0.00
76) Chrysene-d12	14.227	240	277559	20.000	ng	0.00
86) Perylene-d12	15.786	264	331372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	868510	116.487	ng	0.02
7) Phenol-d6	6.663	99	1009858	109.953	ng	0.00
23) Nitrobenzene-d5	7.604	82	706840	84.435	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	380654	136.616	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1504310	83.855	ng	0.00
79) Terphenyl-d14	13.163	244	1536971	81.611	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.099	88	121301	37.555	ng	# 87
3) Pyridine	3.804	79	262603	36.235	ng	99
4) n-Nitrosodimethylamine	3.757	42	140115	43.825	ng	96
6) Aniline	6.704	93	160144	19.494	ng	98
8) 2-Chlorophenol	6.828	128	356719	44.210	ng	99
9) Benzaldehyde	6.598	77	59760	12.026	ng	97
10) Phenol	6.675	94	364977	39.370	ng	96
11) bis(2-Chloroethyl)ether	6.775	93	317408	44.593	ng	98
12) 1,3-Dichlorobenzene	6.987	146	376653	40.346	ng	100
13) 1,4-Dichlorobenzene	7.063	146	388981	41.510	ng	99
14) 1,2-Dichlorobenzene	7.210	146	372846	42.276	ng	100
15) Benzyl Alcohol	7.175	79	296843	48.401	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	401363	45.872	ng	99
17) 2-Methylphenol	7.281	107	281216	43.703	ng	97
18) Hexachloroethane	7.557	117	131731	41.543	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	236578	45.848	ng	98
20) 3+4-Methylphenols	7.434	107	357494	42.408	ng	96
22) Acetophenone	7.445	105	496399	44.978	ng	98
24) Nitrobenzene	7.622	77	358162	42.174	ng	96
25) Isophorone	7.857	82	652418	44.904	ng	99
26) 2-Nitrophenol	7.939	139	194517	45.584	ng	97
27) 2,4-Dimethylphenol	7.963	122	261098	47.525	ng	99
28) bis(2-Chloroethoxy)met...	8.063	93	391385	44.447	ng	99
29) 2,4-Dichlorophenol	8.175	162	309785	44.840	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	328408	42.575	ng	99
31) Naphthalene	8.345	128	1069008	43.155	ng	99
32) Benzoic acid	8.063	122	197397	42.504	ng	99
33) 4-Chloroaniline	8.387	127	48265	5.944	ng	99
34) Hexachlorobutadiene	8.457	225	196501	40.247	ng	100
35) Caprolactam	8.751	113	88293m	44.112	ng	
36) 4-Chloro-3-methylphenol	8.863	107	323113	45.976	ng	98
37) 2-Methylnaphthalene	9.039	142	708471	44.494	ng	99
38) 1-Methylnaphthalene	9.139	142	654259	41.795	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	333026	44.329	ng	99
41) Hexachlorocyclopentadiene	9.186	237	338134	118.453	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	225835	45.848	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	247704	45.959	ng	# 95
46) 1,1'-Biphenyl	9.504	154	877678	45.283	ng	99
47) 2-Chloronaphthalene	9.534	162	678927	43.881	ng	99
48) 2-Nitroaniline	9.622	65	187560	47.340	ng	99
49) Acenaphthylene	9.951	152	1084545	48.751	ng	100
50) Dimethylphthalate	9.798	163	826769	47.711	ng	99
51) 2,6-Dinitrotoluene	9.863	165	183095	46.037	ng	97
52) Acenaphthene	10.122	154	721697	49.083	ng	100
53) 3-Nitroaniline	10.033	138	79236	20.379	ng	98
54) 2,4-Dinitrophenol	10.139	184	197872	91.040	ng	# 85
55) Dibenzofuran	10.292	168	980224	45.807	ng	99
56) 4-Nitrophenol	10.186	139	273950	98.101	ng	95
57) 2,4-Dinitrotoluene	10.269	165	249757	48.576	ng	93
58) Fluorene	10.639	166	765167	45.207	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	201254	47.533	ng	100
60) Diethylphthalate	10.498	149	778588	48.109	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	383111	45.898	ng	98
62) 4-Nitroaniline	10.651	138	180310	48.894	ng	99
63) Azobenzene	10.786	77	697580	47.388	ng	99
65) 4,6-Dinitro-2-methylph...	10.675	198	134424	48.853	ng	95
66) n-Nitrosodiphenylamine	10.745	169	668093	45.715	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	238582	45.668	ng	99
68) Hexachlorobenzene	11.186	284	252895	43.792	ng	99
69) Atrazine	11.263	200	226425	56.739	ng	99
70) Pentachlorophenol	11.375	266	305961	90.448	ng	99
71) Phenanthrene	11.604	178	1069961	45.562	ng	99
72) Anthracene	11.657	178	1095846	47.032	ng	99
73) Carbazole	11.810	167	968047	45.481	ng	99
74) Di-n-butylphthalate	12.127	149	1174490	49.722	ng	100
75) Fluoranthene	12.798	202	1034804	43.413	ng	99
77) Benzidine	12.910	184	128066	35.305	ng	98
78) Pyrene	13.027	202	1020451	42.035	ng	100
80) Butylbenzylphthalate	13.633	149	392633	53.620	ng	99
81) Benzo(a)anthracene	14.216	228	827129	47.103	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	119848	24.628	ng	98
83) Chrysene	14.257	228	772048	45.972	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	514447	55.889	ng	100
85) Di-n-octyl phthalate	14.816	149	776075	62.410	ng	100
87) Indeno(1,2,3-cd)pyrene	17.421	276	1009074	47.397	ng	100
88) Benzo(b)fluoranthene	15.321	252	820770	42.778	ng	99
89) Benzo(k)fluoranthene	15.351	252	844139	44.784	ng	99
90) Benzo(a)pyrene	15.721	252	785834	47.965	ng	97
91) Dibenzo(a,h)anthracene	17.439	278	823137	46.796	ng	99
92) Benzo(g,h,i)perylene	17.915	276	759771	41.117	ng	99

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

