

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138267.D
 Acq On : 20 Jun 2024 17:41
 Operator : CG\JU
 Sample : P2930-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPEMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 18:13:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	318030	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1266408	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	681421	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1075062	20.000	ng	0.00
76) Chrysene-d12	14.045	240	567455	20.000	ng	0.00
86) Perylene-d12	15.515	264	720906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2144645	112.808	ng	0.02
7) Phenol-d6	6.522	99	2563509	106.337	ng	0.00
23) Nitrobenzene-d5	7.451	82	1789180	82.248	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	839972	123.822	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3365197	78.529	ng	0.00
79) Terphenyl-d14	12.992	244	2919619	81.490	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.898	88	314564	36.156	ng	# 84
3) Pyridine	3.593	79	744639	36.011	ng	97
4) n-Nitrosodimethylamine	3.534	42	416793	43.553	ng	91
6) Aniline	6.551	93	650762	27.588	ng	99
8) 2-Chlorophenol	6.675	128	982811	47.816	ng	98
9) Benzaldehyde	6.439	77	154470	12.064	ng	99
10) Phenol	6.539	94	1057129m	43.210	ng	
11) bis(2-Chloroethyl)ether	6.628	93	952656	48.654	ng	98
12) 1,3-Dichlorobenzene	6.828	146	973750	41.687	ng	99
13) 1,4-Dichlorobenzene	6.904	146	988632	42.056	ng	99
14) 1,2-Dichlorobenzene	7.057	146	953019	43.186	ng	98
15) Benzyl Alcohol	7.034	79	814541	50.111	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1213760	43.923	ng	96
17) 2-Methylphenol	7.139	107	767324	47.317	ng	98
18) Hexachloroethane	7.398	117	356312	44.741	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	651575	45.597	ng	98
20) 3+4-Methylphenols	7.292	107	880867	43.156	ng	97
22) Acetophenone	7.298	105	1145263	39.588	ng	# 96
24) Nitrobenzene	7.469	77	978327	43.514	ng	96
25) Isophorone	7.710	82	1839425	46.748	ng	100
26) 2-Nitrophenol	7.781	139	536116	59.300	ng	96
27) 2,4-Dimethylphenol	7.822	122	695091	50.536	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1160100	47.099	ng	100
29) 2,4-Dichlorophenol	8.028	162	839634	47.415	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	901266	43.156	ng	98
31) Naphthalene	8.192	128	2704003	43.181	ng	99
32) Benzoic acid	7.945	122	535121	44.143	ng	98
33) 4-Chloroaniline	8.233	127	423708	18.103	ng	99
34) Hexachlorobutadiene	8.304	225	516036	42.250	ng	99
35) Caprolactam	8.616	113	227669m	42.586	ng	
36) 4-Chloro-3-methylphenol	8.722	107	852793	48.368	ng	97
37) 2-Methylnaphthalene	8.880	142	1857143	45.189	ng	99
38) 1-Methylnaphthalene	8.980	142	1708107	42.412	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	848040	42.589	ng	99
41) Hexachlorocyclopentadiene	9.033	237	765257	117.862	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	625846	50.196	ng	98

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44) 2,4,5-Trichlorophenol	9.204	196	669832	48.921	ng	98
46) 1,1'-Biphenyl	9.345	154	2133164	42.662	ng	99
47) 2-Chloronaphthalene	9.375	162	1779196	45.024	ng	97
48) 2-Nitroaniline	9.469	65	515241	54.141	ng	94
49) Acenaphthylene	9.786	152	2688810	48.524	ng	100
50) Dimethylphthalate	9.651	163	2072363	49.636	ng	100
51) 2,6-Dinitrotoluene	9.710	165	481818	53.195	ng	93
52) Acenaphthene	9.957	154	1843595m	48.791	ng	
53) 3-Nitroaniline	9.875	138	245607	25.383	ng	97
54) 2,4-Dinitrophenol	9.986	184	453603	92.838	ng	# 88
55) Dibenzofuran	10.133	168	2391461	45.274	ng	99
56) 4-Nitrophenol	10.039	139	616887	80.675	ng	95
57) 2,4-Dinitrotoluene	10.116	165	631484	56.526	ng	98
58) Fluorene	10.474	166	1788154	43.056	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	540278	50.490	ng	100
60) Diethylphthalate	10.351	149	1959606	49.453	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	936317	45.268	ng	98
62) 4-Nitroaniline	10.498	138	428018	44.273	ng	92
63) Azobenzene	10.627	77	1839260	46.330	ng	93
65) 4,6-Dinitro-2-methylph...	10.522	198	327258	58.043	ng	80
66) n-Nitrosodiphenylamine	10.586	169	1654851	50.279	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	611970	50.517	ng	97
68) Hexachlorobenzene	11.016	284	692683	48.997	ng	98
69) Atrazine	11.110	200	502013	53.550	ng	99
70) Pentachlorophenol	11.216	266	715161	86.740	ng	97
71) Phenanthrene	11.433	178	2495174	46.932	ng	99
72) Anthracene	11.486	178	2539214	48.104	ng	100
73) Carbazole	11.639	167	2107664	43.534	ng	99
74) Di-n-butylphthalate	11.969	149	2614518	52.164	ng	100
75) Fluoranthene	12.621	202	2236177	41.247	ng	99
77) Benzidine	12.739	184	398607	60.730	ng	98
78) Pyrene	12.851	202	2209212	45.135	ng	99
80) Butylbenzylphthalate	13.468	149	877794	65.931	ng	98
81) Benzo(a)anthracene	14.039	228	1816848	49.906	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	432270	43.118	ng	99
83) Chrysene	14.074	228	1746970	50.344	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1190079	76.855	ng	100
85) Di-n-octyl phthalate	14.639	149	2163185	94.034	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	2146295	45.670	ng	99
88) Benzo(b)fluoranthene	15.092	252	2039099	47.964	ng	99
89) Benzo(k)fluoranthene	15.121	252	1938602	46.530	ng	100
90) Benzo(a)pyrene	15.462	252	1890259	51.756	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1720790	44.609	ng	99
92) Benzo(g,h,i)perylene	17.456	276	1615994	40.495	ng	99

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

