

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138251.D
 Acq On : 19 Jun 2024 17:59
 Operator : CG\JU
 Sample : P2930-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPEMSD

Quant Time: Jun 19 18:22:39 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	323717	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1201587	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	564185	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	799845	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	508558	20.000	ng	0.00
86) Perylene-d12	15.515	264	472787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1932879	99.883	ng	0.00
7) Phenol-d6	6.522	99	2410497	98.233	ng	0.00
23) Nitrobenzene-d5	7.451	82	1473255	71.379	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	526940	93.819	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2468289	69.568	ng	0.00
79) Terphenyl-d14	12.992	244	2065745	64.335	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	338777	38.255	ng	98
3) Pyridine	3.534	79	883219m	41.963	ng	
4) n-Nitrosodimethylamine	3.469	42	445141	45.698	ng	94
6) Aniline	6.545	93	610377	25.422	ng	99
8) 2-Chlorophenol	6.669	128	988834	47.264	ng	96
9) Benzaldehyde	6.434	77	278338	21.356	ng	100
10) Phenol	6.534	94	1145333m	45.993	ng	
11) bis(2-Chloroethyl)ether	6.622	93	921526	46.237	ng	99
12) 1,3-Dichlorobenzene	6.828	146	1007147	42.359	ng	99
13) 1,4-Dichlorobenzene	6.904	146	1022117	42.717	ng	99
14) 1,2-Dichlorobenzene	7.057	146	983246	43.773	ng	99
15) Benzyl Alcohol	7.028	79	798970	48.290	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1229468	43.709	ng	97
17) 2-Methylphenol	7.140	107	750133	45.445	ng	99
18) Hexachloroethane	7.398	117	362047	44.663	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	641810	44.125	ng	99
20) 3+4-Methylphenols	7.293	107	873419	42.039	ng	95
22) Acetophenone	7.298	105	1116665	40.681	ng	96
24) Nitrobenzene	7.469	77	962316	45.111	ng	97
25) Isophorone	7.710	82	1743373	46.697	ng	100
26) 2-Nitrophenol	7.787	139	516977	60.268	ng	98
27) 2,4-Dimethylphenol	7.822	122	654539	50.155	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1096884	46.935	ng	99
29) 2,4-Dichlorophenol	8.028	162	762445	45.379	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	856603	43.231	ng	98
31) Naphthalene	8.192	128	2552757	42.964	ng	100
32) Benzoic acid	7.945	122	555563	48.301	ng	99
33) 4-Chloroaniline	8.234	127	180309	8.119	ng	98
34) Hexachlorobutadiene	8.304	225	502510	43.362	ng	99
35) Caprolactam	8.610	113	228358m	45.019	ng	
36) 4-Chloro-3-methylphenol	8.722	107	746023	44.595	ng	98
37) 2-Methylnaphthalene	8.881	142	1634913	41.927	ng	99
38) 1-Methylnaphthalene	8.981	142	1516984	39.699	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	729187	44.229	ng	99
41) Hexachlorocyclopentadiene	9.034	237	483080	89.863	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	523282	50.691	ng	100

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44) 2,4,5-Trichlorophenol	9.198	196	532886	47.006	ng	98
46) 1,1'-Biphenyl	9.345	154	1820751	43.980	ng	99
47) 2-Chloronaphthalene	9.369	162	1484301	45.366	ng	99
48) 2-Nitroaniline	9.463	65	418265	53.084	ng	100
49) Acenaphthylene	9.786	152	2173929	47.384	ng	100
50) Dimethylphthalate	9.645	163	1777488	51.420	ng	100
51) 2,6-Dinitrotoluene	9.704	165	388533	51.810	ng	97
52) Acenaphthene	9.957	154	1431286	45.750	ng	100
53) 3-Nitroaniline	9.875	138	266609	33.279	ng	93
54) 2,4-Dinitrophenol	9.981	184	269271	73.142	ng	# 83
55) Dibenzofuran	10.128	168	1925722	44.033	ng	99
56) 4-Nitrophenol	10.039	139	486116	76.784	ng	93
57) 2,4-Dinitrotoluene	10.110	165	463091	50.066	ng	99
58) Fluorene	10.469	166	1405735	40.881	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	389138	43.922	ng	98
60) Diethylphthalate	10.345	149	1602749	48.852	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	731391	42.708	ng	99
62) 4-Nitroaniline	10.486	138	317489	39.664	ng	98
63) Azobenzene	10.622	77	1417407	43.123	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	194922	47.851	ng	78
66) n-Nitrosodiphenylamine	10.581	169	1253250	51.179	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	443976	49.260	ng	# 90
68) Hexachlorobenzene	11.016	284	479223	45.562	ng	95
69) Atrazine	11.110	200	369460	52.971	ng	98
70) Pentachlorophenol	11.210	266	523077	85.272	ng	97
71) Phenanthrene	11.433	178	2289374	57.878	ng	100
72) Anthracene	11.486	178	1998377	50.885	ng	99
73) Carbazole	11.639	167	1645363	45.679	ng	99
74) Di-n-butylphthalate	11.969	149	1972675	52.901	ng	99
75) Fluoranthene	12.622	202	2462861	61.060	ng	99
77) Benzidine	12.739	184	657524	111.779	ng	99
78) Pyrene	12.851	202	2482224	56.586	ng	99
80) Butylbenzylphthalate	13.469	149	803753	67.361	ng	100
81) Benzo(a)anthracene	14.033	228	1895300	58.091	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	395752	44.047	ng	100
83) Chrysene	14.074	228	1809568	58.188	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1076366	77.561	ng	99
85) Di-n-octyl phthalate	14.639	149	1825763	88.558	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1451513	47.095	ng	99
88) Benzo(b)fluoranthene	15.086	252	1774550	63.648	ng	99
89) Benzo(k)fluoranthene	15.116	252	1325779	48.521	ng	98
90) Benzo(a)pyrene	15.457	252	1417078	59.162	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	1131239	44.716	ng	99
92) Benzo(g,h,i)perylene	17.445	276	1097069	41.919	ng	99

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

