

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138329.D
 Acq On : 25 Jun 2024 12:16
 Operator : CG\JU
 Sample : PB161658BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161658BS

Quant Time: Jun 26 07:14:20 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 :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	224267	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	901298	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	501885	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	858016	20.000	ng	0.00
76) Chrysene-d12	14.051	240	408661	20.000	ng	0.00
86) Perylene-d12	15.521	264	475715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1556509	116.101	ng	0.01
7) Phenol-d6	6.522	99	1923752	113.162	ng	0.00
23) Nitrobenzene-d5	7.451	82	1242743	80.271	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	646686	129.431	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2412847	76.447	ng	0.00
79) Terphenyl-d14	12.998	244	2390954	92.665	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	199468	32.512	ng	96
3) Pyridine	3.504	79	481963	33.053	ng	96
4) n-Nitrosodimethylamine	3.469	42	259634	38.473	ng	91
6) Aniline	6.551	93	486746	29.262	ng	96
8) 2-Chlorophenol	6.675	128	653381	45.079	ng	99
9) Benzaldehyde	6.439	77	474041	52.502	ng	98
10) Phenol	6.540	94	741437	42.977	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	582404	42.180	ng	99
12) 1,3-Dichlorobenzene	6.828	146	660774	40.115	ng	99
13) 1,4-Dichlorobenzene	6.904	146	680318	41.041	ng	99
14) 1,2-Dichlorobenzene	7.057	146	659516	42.381	ng	98
15) Benzyl Alcohol	7.028	79	524566	45.764	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	755803	38.785	ng	96
17) 2-Methylphenol	7.139	107	500892	43.801	ng	98
18) Hexachloroethane	7.398	117	241253	42.959	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	420221	41.702	ng	99
20) 3+4-Methylphenols	7.292	107	591997	41.129	ng	95
22) Acetophenone	7.298	105	821256	39.888	ng	95
24) Nitrobenzene	7.469	77	640797	40.047	ng	97
25) Isophorone	7.710	82	1171867	41.847	ng	99
26) 2-Nitrophenol	7.786	139	356926	55.473	ng	98
27) 2,4-Dimethylphenol	7.822	122	448550	45.822	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	736402	42.009	ng	100
29) 2,4-Dichlorophenol	8.028	162	544217	43.182	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	607705	40.888	ng	99
31) Naphthalene	8.192	128	1824835	40.946	ng	99
32) Benzoic acid	7.957	122	401542	46.542	ng	97
33) 4-Chloroaniline	8.233	127	316818	19.020	ng	99
34) Hexachlorobutadiene	8.304	225	358111	41.198	ng	99
35) Caprolactam	8.616	113	175687m	46.175	ng	
36) 4-Chloro-3-methylphenol	8.722	107	559608	44.597	ng	97
37) 2-Methylnaphthalene	8.881	142	1215451	41.555	ng	99
38) 1-Methylnaphthalene	8.981	142	1127399	39.333	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	613460	41.829	ng	99
41) Hexachlorocyclopentadiene	9.033	237	612907	128.166	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	412587	44.929	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	435382	43.173	ng	97
46) 1,1'-Biphenyl	9.345	154	1511868	41.053	ng	98
47) 2-Chloronaphthalene	9.375	162	1175000	40.371	ng	97
48) 2-Nitroaniline	9.469	65	333702	47.609	ng	94
49) Acenaphthylene	9.786	152	1813415	44.433	ng	99
50) Dimethylphthalate	9.651	163	1387677	45.127	ng	99
51) 2,6-Dinitrotoluene	9.710	165	321562	48.202	ng	92
52) Acenaphthene	9.963	154	1251083m	44.954	ng	
53) 3-Nitroaniline	9.880	138	212512	29.819	ng	89
54) 2,4-Dinitrophenol	9.986	184	338691	93.739	ng	95
55) Dibenzofuran	10.133	168	1610704	41.401	ng	99
56) 4-Nitrophenol	10.045	139	476871	84.674	ng	92
57) 2,4-Dinitrotoluene	10.116	165	419771	51.016	ng	97
58) Fluorene	10.475	166	1249407	40.845	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	365297	46.349	ng	99
60) Diethylphthalate	10.345	149	1340349	45.925	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	649271	42.619	ng	97
62) 4-Nitroaniline	10.498	138	295221	41.460	ng	95
63) Azobenzene	10.627	77	1220172	41.731	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	232402	52.411	ng	86
66) n-Nitrosodiphenylamine	10.586	169	1131121	43.060	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	426014	44.063	ng	96
68) Hexachlorobenzene	11.022	284	485073	42.992	ng	95
69) Atrazine	11.110	200	351406	46.967	ng	98
70) Pentachlorophenol	11.216	266	534122	81.170	ng	97
71) Phenanthrene	11.439	178	1789657	42.177	ng	99
72) Anthracene	11.492	178	1832292	43.493	ng	98
73) Carbazole	11.645	167	1517250	39.266	ng	99
74) Di-n-butylphthalate	11.969	149	1857717	46.440	ng	99
75) Fluoranthene	12.621	202	1653920	38.224	ng	99
77) Benzidine	12.739	184	198497	41.993	ng	98
78) Pyrene	12.851	202	1653927	46.921	ng	99
80) Butylbenzylphthalate	13.468	149	561520	58.564	ng	98
81) Benzo(a)anthracene	14.039	228	1191646	45.452	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	309409	42.856	ng	98
83) Chrysene	14.074	228	1137481	45.517	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	718440	64.425	ng	99
85) Di-n-octyl phthalate	14.639	149	1258732	75.979	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1579645	50.937	ng	99
88) Benzo(b)fluoranthene	15.092	252	1212592	43.224	ng	100
89) Benzo(k)fluoranthene	15.121	252	1205929	43.863	ng	99
90) Benzo(a)pyrene	15.462	252	1152841	47.834	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1276135	50.133	ng	99
92) Benzo(g,h,i)perylene	17.462	276	1219983	46.328	ng	99

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

