

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139923.D
 Acq On : 22 Oct 2024 12:32
 Operator : RC/JU
 Sample : PB164176BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 PB164176BS

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 12:58:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	165542	20.000	ng	0.00	
21) Naphthalene-d8	8.175	136	634379	20.000	ng	0.00	
39) Acenaphthene-d10	9.928	164	355350	20.000	ng	0.00	
64) Phenanthrene-d10	11.416	188	625992	20.000	ng	0.00	
76) Chrysene-d12	14.057	240	293284	20.000	ng	0.00	
86) Perylene-d12	15.533	264	338967	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1312329	124.104	ng	0.02	
7) Phenol-d6	6.516	99	1647552	120.298	ng	0.00	
23) Nitrobenzene-d5	7.451	82	1064792	93.027	ng	0.00	
42) 2,4,6-Tribromophenol	10.722	330	477931	143.789	ng	0.00	
45) 2-Fluorobiphenyl	9.251	172	1874648	87.188	ng	0.00	
79) Terphenyl-d14	12.998	244	1876342	104.249	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.758	88	173661	35.223	ng		Qvalue 97
3) Pyridine	3.510	79	468017	38.297	ng		97
4) n-Nitrosodimethylamine	3.463	42	269167	40.995	ng		97
6) Aniline	6.551	93	517777	40.565	ng		99
8) 2-Chlorophenol	6.675	128	497364	46.008	ng		98
9) Benzaldehyde	6.440	77	121138	15.723	ng		98
10) Phenol	6.528	94	615529m	43.594	ng		
11) bis(2-Chloroethyl)ether	6.628	93	479034	43.894	ng		99
12) 1,3-Dichlorobenzene	6.834	146	528251	42.569	ng		99
13) 1,4-Dichlorobenzene	6.910	146	535330	43.180	ng		99
14) 1,2-Dichlorobenzene	7.063	146	514169	44.437	ng		98
15) Benzyl Alcohol	7.028	79	458671	45.656	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	813648	43.724	ng		98
17) 2-Methylphenol	7.134	107	411904	44.685	ng		99
18) Hexachloroethane	7.404	117	197068	44.575	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	362519	43.643	ng		98
20) 3+4-Methylphenols	7.293	107	514182	43.610	ng	#	82
22) Acetophenone	7.298	105	679963	43.761	ng		100
24) Nitrobenzene	7.475	77	541716	43.167	ng		98
25) Isophorone	7.710	82	984727	45.328	ng		99
26) 2-Nitrophenol	7.787	139	253014	53.443	ng		96
27) 2,4-Dimethylphenol	7.822	122	417862	52.933	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	587331	44.623	ng		99
29) 2,4-Dichlorophenol	8.028	162	412919	45.922	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	433390	43.559	ng		99
31) Naphthalene	8.192	128	1434823	43.855	ng		100
32) Benzoic acid	7.934	122	315503	45.823	ng		99
33) 4-Chloroaniline	8.240	127	207083	18.562	ng		97
34) Hexachlorobutadiene	8.310	225	277615	44.409	ng		99
35) Caprolactam	8.610	113	133141m	46.568	ng		
36) 4-Chloro-3-methylphenol	8.716	107	447497	44.946	ng		98
37) 2-Methylnaphthalene	8.887	142	908891	45.360	ng		99
38) 1-Methylnaphthalene	8.987	142	848656	43.169	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	419540	43.762	ng		98
41) Hexachlorocyclopentadiene	9.039	237	577915	173.249	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	318733	46.960	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	317804	45.383	ng	99
46) 1,1'-Biphenyl	9.351	154	1084962	43.859	ng	100
47) 2-Chloronaphthalene	9.375	162	860990	43.214	ng	99
48) 2-Nitroaniline	9.469	65	299651	49.175	ng	94
49) Acenaphthylene	9.792	152	1352129	46.942	ng	99
50) Dimethylphthalate	9.651	163	1006470	45.472	ng	99
51) 2,6-Dinitrotoluene	9.710	165	226474	47.256	ng	98
52) Acenaphthene	9.963	154	934861	50.172	ng	99
53) 3-Nitroaniline	9.875	138	139047	28.135	ng	99
54) 2,4-Dinitrophenol	9.986	184	238051	116.326	ng #	1
55) Dibenzofuran	10.139	168	1192877	44.620	ng	99
56) 4-Nitrophenol	10.034	139	385149	101.294	ng	98
57) 2,4-Dinitrotoluene	10.116	165	304318	51.637	ng	96
58) Fluorene	10.481	166	902199	44.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	267802	48.783	ng	97
60) Diethylphthalate	10.351	149	970470	44.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	456673	44.410	ng	100
62) 4-Nitroaniline	10.492	138	221610	47.477	ng	98
63) Azobenzene	10.633	77	1012001	43.924	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	159277	62.378	ng	92
66) n-Nitrosodiphenylamine	10.586	169	848537	45.290	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	298023	46.213	ng	95
68) Hexachlorobenzene	11.028	284	327034	45.090	ng	97
69) Atrazine	11.116	200	270618	53.321	ng	99
70) Pentachlorophenol	11.216	266	409892	93.119	ng	99
71) Phenanthrene	11.439	178	1351322	45.700	ng	100
72) Anthracene	11.492	178	1354140	46.937	ng	99
73) Carbazole	11.645	167	1172325	43.692	ng	99
74) Di-n-butylphthalate	11.975	149	1376818	44.415	ng	100
75) Fluoranthene	12.627	202	1302514	43.574	ng	99
77) Benzidine	12.745	184	267665	55.502	ng	99
78) Pyrene	12.857	202	1310725	51.056	ng	100
80) Butylbenzylphthalate	13.474	149	389633	50.624	ng	100
81) Benzo(a)anthracene	14.045	228	897179	46.993	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	174806	31.403	ng	99
83) Chrysene	14.080	228	825042	47.132	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	454657	52.652	ng	99
85) Di-n-octyl phthalate	14.645	149	847391	53.952	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1161987	53.286	ng	98
88) Benzo(b)fluoranthene	15.098	252	945107	45.771	ng	99
89) Benzo(k)fluoranthene	15.127	252	754131	42.349	ng	100
90) Benzo(a)pyrene	15.468	252	855994	50.382	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	949245	52.180	ng	99
92) Benzo(g,h,i)perylene	17.486	276	893724	49.184	ng	99

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

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