

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140118.D
 Acq On : 29 Oct 2024 18:11
 Operator : RC/JU
 Sample : P4594-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 01:02:56 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	6.886	152	136471	20.000	ng	0.00	
21) Naphthalene-d8	8.169	136	534539	20.000	ng	0.00	
39) Acenaphthene-d10	9.927	164	298449	20.000	ng	0.00	
64) Phenanthrene-d10	11.416	188	515265	20.000	ng	0.00	
76) Chrysene-d12	14.062	240	259907	20.000	ng	0.01	
86) Perylene-d12	15.574	264	284229	20.000	ng	0.05	
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	715216	82.044	ng	0.02	
7) Phenol-d6	6.516	99	945395	83.733	ng	0.00	
23) Nitrobenzene-d5	7.451	82	606029	62.836	ng	0.00	
42) 2,4,6-Tribromophenol	10.721	330	274309	98.262	ng	0.00	
45) 2-Fluorobiphenyl	9.245	172	1105890	61.240	ng	0.00	
79) Terphenyl-d14	12.998	244	984383	61.716	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.769	88	140476	34.562	ng		Qvalue 99
3) Pyridine	3.522	79	364607	36.190	ng		99
4) n-Nitrosodimethylamine	3.481	42	207548	38.344	ng	#	98
6) Aniline	6.551	93	371389	35.295	ng		100
8) 2-Chlorophenol	6.675	128	379130	42.542	ng		99
9) Benzaldehyde	6.439	77	70817	11.150	ng		99
10) Phenol	6.528	94	495306m	42.552	ng		
11) bis(2-Chloroethyl)ether	6.622	93	377671	41.978	ng		99
12) 1,3-Dichlorobenzene	6.833	146	408583	39.939	ng		99
13) 1,4-Dichlorobenzene	6.910	146	413765	40.484	ng		99
14) 1,2-Dichlorobenzene	7.057	146	397942	41.718	ng		99
15) Benzyl Alcohol	7.028	79	364956	44.066	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	643431	41.942	ng		98
17) 2-Methylphenol	7.139	107	323535	42.575	ng		98
18) Hexachloroethane	7.404	117	151888	41.674	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	288166	42.082	ng		98
20) 3+4-Methylphenols	7.286	107	398180	40.965	ng	#	89
22) Acetophenone	7.298	105	533665	40.761	ng		99
24) Nitrobenzene	7.469	77	436717	41.300	ng		100
25) Isophorone	7.710	82	797960	43.591	ng		100
26) 2-Nitrophenol	7.786	139	202951	50.875	ng		99
27) 2,4-Dimethylphenol	7.816	122	321852	48.386	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	470244	42.400	ng		99
29) 2,4-Dichlorophenol	8.028	162	325837	43.006	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	336882	40.184	ng		99
31) Naphthalene	8.192	128	1133323	41.110	ng		99
32) Benzoic acid	7.939	122	242108	41.731	ng		99
33) 4-Chloroaniline	8.233	127	148658	15.814	ng		99
34) Hexachlorobutadiene	8.310	225	223573	42.444	ng		99
35) Caprolactam	8.610	113	106390m	44.162	ng		
36) 4-Chloro-3-methylphenol	8.716	107	365252	43.537	ng		99
37) 2-Methylnaphthalene	8.880	142	713182	42.240	ng		100
38) 1-Methylnaphthalene	8.980	142	667061	40.269	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	341416	42.403	ng		99
41) Hexachlorocyclopentadiene	9.039	237	389354	138.976	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	251790	44.170	ng		99

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44) 2,4,5-Trichlorophenol	9.204	196	257198	43.731	ng	98
46) 1,1'-Biphenyl	9.351	154	878196	42.269	ng	99
47) 2-Chloronaphthalene	9.374	162	695826	41.583	ng	99
48) 2-Nitroaniline	9.469	65	245632	47.995	ng	95
49) Acenaphthylene	9.792	152	1082787	44.758	ng	99
50) Dimethylphthalate	9.651	163	826787	44.475	ng	100
51) 2,6-Dinitrotoluene	9.710	165	184892	45.935	ng	99
52) Acenaphthene	9.963	154	761393	48.653	ng	100
53) 3-Nitroaniline	9.874	138	111215	26.794	ng	100
54) 2,4-Dinitrophenol	9.986	184	206930	120.169	ng #	1
55) Dibenzofuran	10.133	168	950682	42.340	ng	99
56) 4-Nitrophenol	10.039	139	280111	87.714	ng	98
57) 2,4-Dinitrotoluene	10.116	165	248556	50.216	ng	98
58) Fluorene	10.480	166	731520	42.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	210924	45.748	ng	98
60) Diethylphthalate	10.351	149	810344	44.396	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	370614	42.913	ng	100
62) 4-Nitroaniline	10.498	138	173342	44.217	ng	97
63) Azobenzene	10.627	77	921250	47.609	ng	98
65) 4,6-Dinitro-2-methylph...	10.521	198	136580	64.984	ng	97
66) n-Nitrosodiphenylamine	10.586	169	678223	43.978	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	237663	44.773	ng	99
68) Hexachlorobenzene	11.027	284	260568	43.647	ng	97
69) Atrazine	11.116	200	218415	52.283	ng	99
70) Pentachlorophenol	11.216	266	304322	83.993	ng	99
71) Phenanthrene	11.439	178	1038531	42.670	ng	100
72) Anthracene	11.492	178	1054254	44.395	ng	100
73) Carbazole	11.645	167	890122	40.304	ng	100
74) Di-n-butylphthalate	11.974	149	1155910	45.301	ng	100
75) Fluoranthene	12.627	202	960290	39.029	ng	99
77) Benzidine	12.745	184	285892	66.895	ng	99
78) Pyrene	12.857	202	953914	41.929	ng	100
80) Butylbenzylphthalate	13.474	149	367560	53.889	ng	99
81) Benzo(a)anthracene	14.057	228	745720	44.076	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	162112	32.863	ng	99
83) Chrysene	14.092	228	684921	44.152	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	458318	59.892	ng	99
85) Di-n-octyl phthalate	14.680	149	769095	55.256	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	826334	45.191	ng	98
88) Benzo(b)fluoranthene	15.133	252	737939	42.621	ng	99
89) Benzo(k)fluoranthene	15.168	252	643033	43.064	ng	100
90) Benzo(a)pyrene	15.509	252	671660	47.146	ng	100
91) Dibenzo(a,h)anthracene	17.103	278	673094	44.126	ng	98
92) Benzo(g,h,i)perylene	17.539	276	613365	40.256	ng	99

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

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