

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051424\  
 Data File : BF137912.D  
 Acq On : 14 May 2024 12:15  
 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 17:16:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 14 15:07:22 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.040	152	138395	20.000	ng	0.00	
21) Naphthalene-d8	8.322	136	537712	20.000	ng	0.00	
39) Acenaphthene-d10	10.086	164	305131	20.000	ng	0.00	
64) Phenanthrene-d10	11.575	188	529505	20.000	ng	0.00	
76) Chrysene-d12	14.227	240	355483	20.000	ng	0.00	
86) Perylene-d12	15.786	264	273852	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.657	112	167799	20.595	ng	0.00	
7) Phenol-d6	6.646	99	209058	20.830	ng	-0.01	
23) Nitrobenzene-d5	7.598	82	184715	20.216	ng	-0.01	
42) 2,4,6-Tribromophenol	10.869	330	61944	20.134	ng	-0.01	
45) 2-Fluorobiphenyl	9.392	172	426113	21.511	ng	0.00	
79) Terphenyl-d14	13.163	244	472786	19.601	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.940	88	35262	9.991	ng		Qvalue 97
3) Pyridine	3.710	79	75247	9.502	ng		98
4) n-Nitrosodimethylamine	3.663	42	34674	9.925	ng		95
6) Aniline	6.698	93	87127	9.576	ng		98
8) 2-Chlorophenol	6.822	128	91053	10.327	ng		97
9) Benzaldehyde	6.593	77	64724	11.920	ng		99
10) Phenol	6.657	94	104964	10.361	ng		99
11) bis(2-Chloroethyl)ether	6.769	93	79452	10.215	ng		98
12) 1,3-Dichlorobenzene	6.981	146	105547	10.346	ng		99
13) 1,4-Dichlorobenzene	7.057	146	106069	10.359	ng		98
14) 1,2-Dichlorobenzene	7.210	146	101495	10.532	ng		97
15) Benzyl Alcohol	7.169	79	68851	10.624	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.304	45	98726	10.326	ng		99
17) 2-Methylphenol	7.275	107	71479	10.165	ng		99
18) Hexachloroethane	7.557	117	34568	9.976	ng		96
19) n-Nitroso-di-n-propyla...	7.434	70	58219	10.325	ng		96
20) 3+4-Methylphenols	7.422	107	95654	10.384	ng		94
22) Acetophenone	7.440	105	125423	10.412	ng	#	97
24) Nitrobenzene	7.616	77	94757	10.223	ng		97
25) Isophorone	7.851	82	159214	10.040	ng		98
26) 2-Nitrophenol	7.934	139	44623	9.581	ng		97
27) 2,4-Dimethylphenol	7.957	122	59196	9.872	ng		97
28) bis(2-Chloroethoxy)met...	8.057	93	98188	10.216	ng		97
29) 2,4-Dichlorophenol	8.169	162	76036	10.084	ng		97
30) 1,2,4-Trichlorobenzene	8.263	180	84977	10.093	ng		99
31) Naphthalene	8.345	128	280240	10.365	ng		100
32) Benzoic acid	8.016	122	39696m	7.813	ng		
33) 4-Chloroaniline	8.387	127	87981	9.927	ng		99
34) Hexachlorobutadiene	8.457	225	53925	10.119	ng		99
35) Caprolactam	8.722	113	21481	9.831	ng		97
36) 4-Chloro-3-methylphenol	8.851	107	76893	10.024	ng		99
37) 2-Methylnaphthalene	9.034	142	180628	10.394	ng		99
38) 1-Methylnaphthalene	9.134	142	180332	10.555	ng		100
40) 1,2,4,5-Tetrachloroben...	9.198	216	83444	10.059	ng		98
41) Hexachlorocyclopentadiene	9.187	237	26790	8.499	ng		96
43) 2,4,6-Trichlorophenol	9.304	196	53983	9.925	ng		96

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44) 2,4,5-Trichlorophenol	9.345	196	59048	9.922	ng	99
46) 1,1'-Biphenyl	9.498	154	221808	10.364	ng	98
47) 2-Chloronaphthalene	9.528	162	176236	10.316	ng	98
48) 2-Nitroaniline	9.616	65	42536	9.723	ng	99
49) Acenaphthylene	9.945	152	251171	10.225	ng	100
50) Dimethylphthalate	9.786	163	197370	10.315	ng	99
51) 2,6-Dinitrotoluene	9.857	165	43460	9.896	ng	91
52) Acenaphthene	10.116	154	163289	10.057	ng	98
53) 3-Nitroaniline	10.028	138	41841	9.746	ng	97
54) 2,4-Dinitrophenol	10.128	184	12076	11.614	ng #	70
55) Dibenzofuran	10.286	168	247069	10.456	ng	99
56) 4-Nitrophenol	10.169	139	28455	9.228	ng	90
57) 2,4-Dinitrotoluene	10.257	165	56537	9.958	ng	95
58) Fluorene	10.633	166	195175	10.443	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.398	232	46425	9.930	ng	100
60) Diethylphthalate	10.492	149	184355	10.316	ng	98
61) 4-Chlorophenyl-phenyle...	10.622	204	97117	10.537	ng	93
62) 4-Nitroaniline	10.633	138	41014	10.072	ng	99
63) Azobenzene	10.781	77	166390	10.237	ng	98
65) 4,6-Dinitro-2-methylph...	10.663	198	23254	7.606	ng	92
66) n-Nitrosodiphenylamine	10.733	169	163049	10.041	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	57343	9.878	ng	93
68) Hexachlorobenzene	11.181	284	63754	9.936	ng	97
69) Atrazine	11.257	200	49009	11.053	ng	98
70) Pentachlorophenol	11.369	266	34275	9.119	ng	96
71) Phenanthrene	11.598	178	272589	10.447	ng	100
72) Anthracene	11.651	178	266935	10.311	ng	99
73) Carbazole	11.804	167	245911	10.398	ng	99
74) Di-n-butylphthalate	12.122	149	270844	10.319	ng	100
75) Fluoranthene	12.792	202	286070	10.801	ng	99
77) Benzidine	12.910	184	20495	4.412	ng	99
78) Pyrene	13.027	202	295026	9.489	ng	99
80) Butylbenzylphthalate	13.633	149	87546	9.335	ng	98
81) Benzo(a)anthracene	14.216	228	225715	10.036	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	55346	8.880	ng	99
83) Chrysene	14.251	228	215178	10.004	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	116918	9.918	ng	98
85) Di-n-octyl phthalate	14.810	149	142684	8.959	ng	98
87) Indeno(1,2,3-cd)pyrene	17.398	276	141523	8.044	ng	100
88) Benzo(b)fluoranthene	15.310	252	162546	10.251	ng	99
89) Benzo(k)fluoranthene	15.345	252	165672	10.636	ng	100
90) Benzo(a)pyrene	15.716	252	129754	9.583	ng #	98
91) Dibenzo(a,h)anthracene	17.421	278	118205	8.132	ng	98
92) Benzo(g,h,i)perylene	17.892	276	122613	8.029	ng	99

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

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