

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130911.D
 Acq On : 01 Nov 2022 21:04
 Operator : CG\JU
 Sample : N5235-02MS 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSP-SS-01-00-20MS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

11/07/2022
 Supervised By :mohammad
 ahmed

Quant Time: Nov 02 08:24:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	86974	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	293324	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	124100	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	210300	20.000	ng	0.00
76) Chrysene-d12	14.127	240	160005	20.000	ng	0.00
86) Perylene-d12	15.645	264	109469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	230970	46.038	ng	0.00
7) Phenol-d6	6.551	99	271728	41.679	ng	0.00
23) Nitrobenzene-d5	7.498	82	171967	35.351	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	50242	48.094	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	277812	33.845	ng	0.00
79) Terphenyl-d14	13.063	244	270072	30.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	43088	19.156	ng	# 93
3) Pyridine	3.534	79	107548	17.071	ng	94
4) n-Nitrosodimethylamine	3.487	42	79900	22.591	ng	# 91
6) Aniline	6.592	93	81267m	10.081	ng	
8) 2-Chlorophenol	6.716	128	119816	21.439	ng	97
9) Benzaldehyde	6.486	77	65079	15.596	ng	95
10) Phenol	6.569	94	146492m	20.881	ng	
11) bis(2-Chloroethyl)ether	6.669	93	120061	21.953	ng	99
12) 1,3-Dichlorobenzene	6.875	146	133226	21.037	ng	97
13) 1,4-Dichlorobenzene	6.957	146	135685	21.108	ng	98
14) 1,2-Dichlorobenzene	7.104	146	125355	21.056	ng	99
15) Benzyl Alcohol	7.075	79	104531	18.856	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.210	45	203878	20.914	ng	96
17) 2-Methylphenol	7.181	107	91349	19.124	ng	99
18) Hexachloroethane	7.451	117	41301	17.777	ng	95
19) n-Nitroso-di-n-propyla...	7.339	70	90682	20.443	ng	97
20) 3+4-Methylphenols	7.333	107	115822	18.649	ng	# 89
22) Acetophenone	7.345	105	171234	24.078	ng	# 97
24) Nitrobenzene	7.516	77	129106	24.272	ng	96
25) Isophorone	7.757	82	224997	22.430	ng	100
26) 2-Nitrophenol	7.833	139	48308	25.157	ng	91
27) 2,4-Dimethylphenol	7.863	122	97162m	23.273	ng	
28) bis(2-Chloroethoxy)met...	7.963	93	140752	25.124	ng	98
29) 2,4-Dichlorophenol	8.075	162	83333	19.404	ng	97
30) 1,2,4-Trichlorobenzene	8.163	180	95802	20.745	ng	96
31) Naphthalene	8.245	128	308592	20.164	ng	99
32) Benzoic acid	7.939	122	35520	17.736	ng	92
33) 4-Chloroaniline	8.286	127	73396	12.137	ng	98
34) Hexachlorobutadiene	8.357	225	69603	22.704	ng	99
35) Caprolactam	8.639	113	22837	16.594	ng	97
36) 4-Chloro-3-methylphenol	8.763	107	85284	18.307	ng	99
37) 2-Methylnaphthalene	8.933	142	182874	18.997	ng	100
38) 1-Methylnaphthalene	9.033	142	169271	18.069	ng	98
40) 1,2,4,5-Tetrachloroben...	9.098	216	91467	25.990	ng	99
41) Hexachlorocyclopentadiene	9.086	237	5137	2.778	ng	93
43) 2,4,6-Trichlorophenol	9.210	196	53116	21.721	ng	96

11/08/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.251	196	53046	20.303	ng	99	
46) 1,1'-Biphenyl	9.398	154	217904	24.646	ng	97	
47) 2-Chloronaphthalene	9.427	162	164556	23.211	ng	95	
48) 2-Nitroaniline	9.522	65	57616	27.237	ng	96	
49) Acenaphthylene	9.845	152	251171	22.419	ng	99	
50) Dimethylphthalate	9.698	163	198062	23.236	ng	100	
51) 2,6-Dinitrotoluene	9.763	165	36073	23.758	ng	84	
52) Acenaphthene	10.016	154	140360	20.261	ng	99	
53) 3-Nitroaniline	9.927	138	35983	21.673	ng	#	97
54) 2,4-Dinitrophenol	10.033	184	1378	6.891	ng	#	68
55) Dibenzofuran	10.186	168	204431	20.359	ng	99	
56) 4-Nitrophenol	10.080	139	53510	40.705	ng	92	
57) 2,4-Dinitrotoluene	10.163	165	42284	22.872	ng	#	89
58) Fluorene	10.533	166	162484	20.550	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.304	232	39801	18.478	ng	97	
60) Diethylphthalate	10.398	149	189017	22.548	ng	98	
61) 4-Chlorophenyl-phenyle...	10.522	204	81675	21.592	ng	95	
62) 4-Nitroaniline	10.539	138	37251	22.158	ng	96	
63) Azobenzene	10.686	77	170446	19.478	ng	97	
65) 4,6-Dinitro-2-methylph...	10.569	198	2154	9.974	ng	94	
66) n-Nitrosodiphenylamine	10.639	169	142301	21.694	ng	98	
67) 4-Bromophenyl-phenylether	11.016	248	48928	23.135	ng	#	93
68) Hexachlorobenzene	11.080	284	50131	21.514	ng	98	
69) Atrazine	11.169	200	48890	25.808	ng	97	
70) Pentachlorophenol	11.274	266	46450	34.934	ng	96	
71) Phenanthrene	11.498	178	240099	22.120	ng	100	
72) Anthracene	11.551	178	241763	22.582	ng	99	
73) Carbazole	11.704	167	208787	21.777	ng	99	
74) Di-n-butylphthalate	12.033	149	272085	23.367	ng	98	
75) Fluoranthene	12.692	202	300853	26.087	ng	98	
77) Benzidine	12.815	184	10875	2.800	ng	#	94
78) Pyrene	12.927	202	344013	25.484	ng	98	
80) Butylbenzylphthalate	13.539	149	123073	25.341	ng	97	
81) Benzo(a)anthracene	14.115	228	255679	24.102	ng	99	
82) 3,3'-Dichlorobenzidine	14.074	252	58136	20.305	ng	98	
83) Chrysene	14.151	228	234754	22.942	ng	98	
84) Bis(2-ethylhexyl)phtha...	14.098	149	178447	30.559	ng	100	
85) Di-n-octyl phthalate	14.721	149	269661	33.460	ng	99	
87) Indeno(1,2,3-cd)pyrene	17.192	276	151242	20.805	ng	97	
88) Benzo(b)fluoranthene	15.192	252	193343	27.322	ng	98	
89) Benzo(k)fluoranthene	15.221	252	156207	22.654	ng	99	
90) Benzo(a)pyrene	15.580	252	152725	26.848	ng	99	
91) Dibenzo(a,h)anthracene	17.215	278	124055	20.933	ng	98	
92) Benzo(g,h,i)perylene	17.662	276	133757	22.124	ng	98	

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

