

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130476.D
 Acq On : 29 Sep 2022 20:24
 Operator : CG\JU
 Sample : N4868-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-349-ETGIMSD

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 09/30/2022
 Supervised By :Jagrut
 Upadhyay
 09/30/2022

Quant Time: Sep 30 03:10:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.639	152	107605	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	400370	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	196384	20.000	ng	0.00
64) Phenanthrene-d10	11.151	188	282596	20.000	ng	0.00
76) Chrysene-d12	13.786	240	191420	20.000	ng	0.00
86) Perylene-d12	15.174	264	223046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	679347	109.503	ng	0.01
7) Phenol-d6	6.292	99	834496	107.503	ng	0.00
23) Nitrobenzene-d5	7.210	82	533247	68.044	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	201766	107.223	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1018421	75.516	ng	-0.01
79) Terphenyl-d14	12.739	244	754946	65.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.328	88	94401	33.132	ng	97
3) Pyridine	2.998	79	246751	33.199	ng	92
4) n-Nitrosodimethylamine	2.963	42	133985	33.145	ng	92
6) Aniline	6.304	93	302727	31.651	ng	# 17
8) 2-Chlorophenol	6.428	128	311432	44.068	ng	91
9) Benzaldehyde	6.187	77	164658	31.667	ng	96
10) Phenol	6.304	94	361983	39.792	ng	80
11) bis(2-Chloroethyl)ether	6.381	93	273971	41.754	ng	94
12) 1,3-Dichlorobenzene	6.581	146	338750	43.563	ng	96
13) 1,4-Dichlorobenzene	6.657	146	342385	43.177	ng	98
14) 1,2-Dichlorobenzene	6.810	146	326131	44.026	ng	97
15) Benzyl Alcohol	6.792	79	230606	37.469	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.922	45	335040	35.009	ng	75
17) 2-Methylphenol	6.910	107	248711	43.293	ng	95
18) Hexachloroethane	7.151	117	129915	41.562	ng	# 90
19) n-Nitroso-di-n-propyla...	7.063	70	203290	38.811	ng	92
20) 3+4-Methylphenols	7.063	107	298932	40.056	ng	# 79
22) Acetophenone	7.057	105	430940	44.025	ng	# 89
24) Nitrobenzene	7.228	77	307476	38.640	ng	95
25) Isophorone	7.469	82	545127	43.158	ng	99
26) 2-Nitrophenol	7.545	139	162535	49.827	ng	88
27) 2,4-Dimethylphenol	7.592	122	254209	50.613	ng	93
28) bis(2-Chloroethoxy)met...	7.686	93	332670	46.773	ng	99
29) 2,4-Dichlorophenol	7.792	162	245760	44.651	ng	94
30) 1,2,4-Trichlorobenzene	7.863	180	268962	45.198	ng	97
31) Naphthalene	7.945	128	862357	41.808	ng	99
32) Benzoic acid	7.733	122	150791	38.822	ng	95
33) 4-Chloroaniline	7.998	127	146028	18.614	ng	98
34) Hexachlorobutadiene	8.063	225	174252	45.819	ng	99
35) Caprolactam	8.375	113	69627m	44.127	ng	
36) 4-Chloro-3-methylphenol	8.498	107	253996	41.634	ng	97
37) 2-Methylnaphthalene	8.633	142	560262	42.601	ng	99
38) 1-Methylnaphthalene	8.733	142	525702	41.611	ng	100
40) 1,2,4,5-Tetrachloroben...	8.804	216	262457	48.971	ng	98
41) Hexachlorocyclopentadiene	8.786	237	236752	82.510	ng	99
43) 2,4,6-Trichlorophenol	8.916	196	167565	44.799	ng	97

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44) 2,4,5-Trichlorophenol	8.963	196	175483	43.476	ng	97
46) 1,1'-Biphenyl	9.098	154	677130	46.167	ng	99
47) 2-Chloronaphthalene	9.122	162	520498	43.870	ng	98
48) 2-Nitroaniline	9.227	65	142153	35.923	ng	# 84
49) Acenaphthylene	9.533	152	757300	42.571	ng	100
50) Dimethylphthalate	9.410	163	598843	44.145	ng	99
51) 2,6-Dinitrotoluene	9.469	165	128646	45.345	ng	# 84
52) Acenaphthene	9.710	154	529068m	45.266	ng	
53) 3-Nitroaniline	9.633	138	78058	24.692	ng	96
54) 2,4-Dinitrophenol	9.745	184	101689	67.164	ng	90
55) Dibenzofuran	9.880	168	690739	42.488	ng	96
56) 4-Nitrophenol	9.816	139	160951	69.902	ng	# 82
57) 2,4-Dinitrotoluene	9.875	165	163532	45.103	ng	87
58) Fluorene	10.222	166	542042	40.769	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.998	232	126377	40.002	ng	90
60) Diethylphthalate	10.104	149	563262	41.406	ng	99
61) 4-Chlorophenyl-phenyle...	10.216	204	259713	44.529	ng	96
62) 4-Nitroaniline	10.251	138	105850	33.331	ng	88
63) Azobenzene	10.374	77	490099	34.988	ng	95
65) 4,6-Dinitro-2-methylph...	10.274	198	69900	44.434	ng	94
66) n-Nitrosodiphenylamine	10.339	169	453354	48.007	ng	100
67) 4-Bromophenyl-phenylether	10.704	248	157504	50.523	ng	93
68) Hexachlorobenzene	10.763	284	171390	48.499	ng	98
69) Atrazine	10.869	200	137550	49.842	ng	97
70) Pentachlorophenol	10.963	266	138181	72.857	ng	99
71) Phenanthrene	11.180	178	732569	46.172	ng	100
72) Anthracene	11.227	178	682063	44.547	ng	99
73) Carbazole	11.392	167	577766	41.812	ng	99
74) Di-n-butylphthalate	11.721	149	733318	44.009	ng	99
75) Fluoranthene	12.363	202	760186	49.584	ng	97
77) Benzidine	12.492	184	275531	49.585	ng	98
78) Pyrene	12.592	202	740609	44.227	ng	100
80) Butylbenzylphthalate	13.215	149	251009	40.462	ng	98
81) Benzo(a)anthracene	13.774	228	625426	49.114	ng	98
82) 3,3'-Dichlorobenzidine	13.745	252	178367	51.456	ng	97
83) Chrysene	13.815	228	585116	48.392	ng	100
84) Bis(2-ethylhexyl)phtha...	13.774	149	403467	56.780	ng	99
85) Di-n-octyl phthalate	14.386	149	593734	54.630	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.498	276	729930	46.148	ng	97
88) Benzo(b)fluoranthene	14.792	252	771847	53.018	ng	98
89) Benzo(k)fluoranthene	14.815	252	562790	39.299	ng	98
90) Benzo(a)pyrene	15.121	252	612358	53.094	ng	98
91) Dibenzo(a,h)anthracene	16.515	278	609969	47.009	ng	97
92) Benzo(g,h,i)perylene	16.898	276	611191	46.759	ng	99

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

