

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128907.D
 Acq On : 21 Jun 2022 19:58
 Operator : CG\JU
 Sample : N3384-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/22/2022
 Supervised By : Jagrut Upadhyay 06/22/2022

Quant Time: Jun 22 01:54:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	111637	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	400638	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	190374	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	286043	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	208014	20.000	ng	# 0.00
86) Perylene-d12	15.368	264	150842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	659198	94.054	ng	0.01
7) Phenol-d6	6.422	99	825129	96.446	ng	0.00
23) Nitrobenzene-d5	7.328	82	583299	67.786	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	168480	74.901	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1018975	74.978	ng	0.00
79) Terphenyl-d14	12.869	244	845417	70.622	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	111332	42.788	ng	# 93
3) Pyridine	3.246	79	316811	45.835	ng	# 87
4) n-Nitrosodimethylamine	3.216	42	236775	49.398	ng	# 77
6) Aniline	6.422	93	316037m	34.252	ng	
8) 2-Chlorophenol	6.551	128	383012	53.407	ng	96
9) Benzaldehyde	6.310	77	270215	51.844	ng	95
10) Phenol	6.434	94	463973	51.304	ng	81
11) bis(2-Chloroethyl)ether	6.498	93	359448	54.241	ng	99
12) 1,3-Dichlorobenzene	6.698	146	423916	51.131	ng	99
13) 1,4-Dichlorobenzene	6.775	146	431061	51.480	ng	99
14) 1,2-Dichlorobenzene	6.928	146	405066	51.715	ng	99
15) Benzyl Alcohol	6.916	79	363965	50.846	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.034	45	576626	52.812	ng	# 1
17) 2-Methylphenol	7.192	107	401145	70.773	ng	# 83
18) Hexachloroethane	7.263	117	157645	50.605	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	294964	55.451	ng	99
20) 3+4-Methylphenols	7.192	107	401145	53.012	ng	# 81
22) Acetophenone	7.175	105	566996	54.110	ng	97
24) Nitrobenzene	7.345	77	436090	55.201	ng	94
25) Isophorone	7.587	82	758492	58.037	ng	96
26) 2-Nitrophenol	7.663	139	196355	56.412	ng	# 87
27) 2,4-Dimethylphenol	7.710	122	332069	62.629	ng	92
28) bis(2-Chloroethoxy)met...	7.798	93	445614	53.937	ng	99
29) 2,4-Dichlorophenol	7.916	162	312087	50.856	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	334825	48.457	ng	98
31) Naphthalene	8.063	128	1075034	52.285	ng	99
32) Benzoic acid	7.875	122	146455	38.933	ng	91
33) 4-Chloroaniline	8.122	127	147558	19.035	ng	98
34) Hexachlorobutadiene	8.175	225	242467	49.479	ng	97
35) Caprolactam	8.504	113	90164m	53.133	ng	
36) 4-Chloro-3-methylphenol	8.622	107	330988	49.422	ng	95
37) 2-Methylnaphthalene	8.757	142	666654	50.975	ng	99
38) 1-Methylnaphthalene	8.857	142	622366	49.256	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	341946	57.835	ng	98
41) Hexachlorocyclopentadiene	8.904	237	60366	16.985	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	202193	50.570	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	202224	48.942	ng	# 93
46) 1,1'-Biphenyl	9.222	154	804923	56.351	ng	98
47) 2-Chloronaphthalene	9.245	162	597533	54.821	ng	98
48) 2-Nitroaniline	9.351	65	215763	57.889	ng	96
49) Acenaphthylene	9.657	152	877787	52.605	ng	100
50) Dimethylphthalate	9.528	163	746842	57.314	ng	99
51) 2,6-Dinitrotoluene	9.592	165	149693	58.204	ng	# 86
52) Acenaphthene	9.833	154	530558	48.826	ng	99
53) 3-Nitroaniline	9.757	138	93309	33.428	ng	92
54) 2,4-Dinitrophenol	9.875	184	79216	55.299	ng	# 89
55) Dibenzofuran	10.004	168	776080	49.695	ng	95
56) 4-Nitrophenol	9.957	139	143445	70.895	ng	# 72
57) 2,4-Dinitrotoluene	9.998	165	182614	53.205	ng	# 75
58) Fluorene	10.345	166	607315	50.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	140611	41.201	ng	# 99
60) Diethylphthalate	10.222	149	684287	52.249	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	307878	49.012	ng	90
62) 4-Nitroaniline	10.375	138	120068	42.484	ng	# 81
63) Azobenzene	10.498	77	615361	47.728	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	63899	37.853	ng	91
66) n-Nitrosodiphenylamine	10.457	169	533460	60.676	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	179736	56.345	ng	98
68) Hexachlorobenzene	10.892	284	196864	55.570	ng	96
69) Atrazine	10.992	200	172055	60.854	ng	98
70) Pentachlorophenol	11.098	266	124184	70.225	ng	97
71) Phenanthrene	11.310	178	997819	69.547	ng	99
72) Anthracene	11.363	178	824126	58.034	ng	99
73) Carbazole	11.522	167	689752	52.295	ng	98
74) Di-n-butylphthalate	11.845	149	897034	55.859	ng	100
75) Fluoranthene	12.498	202	1057676	70.525	ng	97
77) Benzidine	12.621	184	323476	78.009	ng	98
78) Pyrene	12.727	202	1115301	72.066	ng	99
80) Butylbenzylphthalate	13.345	149	360231	55.427	ng	95
81) Benzo(a)anthracene	13.916	228	844360	65.120	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	152768	55.071	ng	# 97
83) Chrysene	13.957	228	770709	62.347	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	502486	59.471	ng	99
85) Di-n-octyl phthalate	14.515	149	756009	59.408	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	480691	52.872	ng	# 91
88) Benzo(b)fluoranthene	14.957	252	641064m	66.510	ng	
89) Benzo(k)fluoranthene	14.980	252	539450	59.496	ng	98
90) Benzo(a)pyrene	15.310	252	509144	67.208	ng	# 97
91) Dibenzo(a,h)anthracene	16.804	278	402147	53.326	ng	# 96
92) Benzo(g,h,i)perylene	17.227	276	407467	54.517	ng	# 93

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

