

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127888.D
 Acq On : 25 Apr 2022 18:55
 Operator : CG\JU
 Sample : N2548-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-8SMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 26 05:39:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	165174	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	649284	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	378273	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	677215	20.000	ng	0.00
76) Chrysene-d12	14.121	240	387656	20.000	ng	0.00
86) Perylene-d12	15.633	264	338440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1067037	102.895	ng	0.00
7) Phenol-d6	6.569	99	1405695	104.466	ng	0.00
23) Nitrobenzene-d5	7.510	82	1002246	72.587	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	397865	104.483	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1614006	72.183	ng	0.00
79) Terphenyl-d14	13.063	244	1769566	83.470	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	190700	38.542	ng	99
3) Pyridine	3.610	79	502017	39.599	ng	98
4) n-Nitrosodimethylamine	3.581	42	278017	45.305	ng	98
6) Aniline	6.610	93	634215	39.670	ng	98
8) 2-Chlorophenol	6.728	128	502334	46.672	ng	99
9) Benzaldehyde	6.498	77	337662	40.563	ng	98
10) Phenol	6.581	94	612753	45.150	ng	97
11) bis(2-Chloroethyl)ether	6.675	93	512628	45.535	ng	97
12) 1,3-Dichlorobenzene	6.881	146	530090	42.786	ng	97
13) 1,4-Dichlorobenzene	6.957	146	537093	43.431	ng	97
14) 1,2-Dichlorobenzene	7.110	146	512390	44.757	ng	99
15) Benzyl Alcohol	7.081	79	461152	50.396	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.210	45	786827	45.729	ng	99
17) 2-Methylphenol	7.192	107	413784	44.557	ng	98
18) Hexachloroethane	7.451	117	204453	44.971	ng	95
19) n-Nitroso-di-n-propyla...	7.357	70	376926	45.760	ng	99
20) 3+4-Methylphenols	7.345	107	490562	43.729	ng	94
22) Acetophenone	7.351	105	666626	42.124	ng	96
24) Nitrobenzene	7.528	77	588838	44.257	ng	99
25) Isophorone	7.763	82	1117818	48.101	ng	99
26) 2-Nitrophenol	7.839	139	264015	46.567	ng	97
27) 2,4-Dimethylphenol	7.875	122	475032	50.443	ng	98
28) bis(2-Chloroethoxy)met...	7.969	93	645713	43.356	ng	99
29) 2,4-Dichlorophenol	8.081	162	426695	43.251	ng	99
30) 1,2,4-Trichlorobenzene	8.163	180	460474	41.090	ng	99
31) Naphthalene	8.251	128	1400058	42.337	ng	99
32) Benzoic acid	7.998	122	314030	46.524	ng	99
33) 4-Chloroaniline	8.292	127	219697	16.791	ng	99
34) Hexachlorobutadiene	8.357	225	296672	42.029	ng	99
35) Caprolactam	8.675	113	142543m	44.760	ng	
36) 4-Chloro-3-methylphenol	8.775	107	471926	44.790	ng	99
37) 2-Methylnaphthalene	8.939	142	943345	43.164	ng	100
38) 1-Methylnaphthalene	9.039	142	907148	42.704	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	448850	40.257	ng	98
41) Hexachlorocyclopentadiene	9.086	237	552793	91.510	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	309043	42.125	ng	99

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44) 2,4,5-Trichlorophenol	9.257	196	325356	40.796	ng	95
46) 1,1'-Biphenyl	9.404	154	1168689	41.709	ng	99
47) 2-Chloronaphthalene	9.433	162	866665	40.629	ng	100
48) 2-Nitroaniline	9.528	65	316849	43.912	ng	98
49) Acenaphthylene	9.851	152	1419948	43.518	ng	100
50) Dimethylphthalate	9.710	163	1074631	42.360	ng	99
51) 2,6-Dinitrotoluene	9.769	165	250129	45.539	ng	97
52) Acenaphthene	10.022	154	1006279m	45.872	ng	
53) 3-Nitroaniline	9.939	138	168669	27.653	ng	99
54) 2,4-Dinitrophenol	10.045	184	258056	89.210	ng	# 83
55) Dibenzofuran	10.192	168	1284748	40.593	ng	100
56) 4-Nitrophenol	10.104	139	379496	81.481	ng	97
57) 2,4-Dinitrotoluene	10.175	165	328064	45.091	ng	# 87
58) Fluorene	10.539	166	961381	40.708	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.310	232	282822	42.171	ng	100
60) Diethylphthalate	10.404	149	1050415	42.225	ng	100
61) 4-Chlorophenyl-phenyle...	10.527	204	469557	40.011	ng	98
62) 4-Nitroaniline	10.563	138	246433	41.327	ng	98
63) Azobenzene	10.686	77	1131388	41.332	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	177001	43.987	ng	92
66) n-Nitrosodiphenylamine	10.645	169	866433	41.117	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	313327	41.736	ng	99
68) Hexachlorobenzene	11.080	284	339641	42.940	ng	98
69) Atrazine	11.174	200	306586	47.052	ng	97
70) Pentachlorophenol	11.274	266	376353	80.880	ng	98
71) Phenanthrene	11.504	178	1438051	40.567	ng	99
72) Anthracene	11.557	178	1454464	41.188	ng	99
73) Carbazole	11.710	167	1320011	38.786	ng	100
74) Di-n-butylphthalate	12.033	149	1627912	42.538	ng	100
75) Fluoranthene	12.692	202	1498561	40.166	ng	99
77) Benzidine	12.816	184	463225	63.153	ng	98
78) Pyrene	12.927	202	1481004	47.326	ng	100
80) Butylbenzylphthalate	13.533	149	632482	51.565	ng	98
81) Benzo(a)anthracene	14.110	228	1121692	43.412	ng	98
82) 3,3'-Dichlorobenzidine	14.074	252	241689	29.460	ng	99
83) Chrysene	14.151	228	1049435	42.527	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	821879	50.528	ng	99
85) Di-n-octyl phthalate	14.710	149	1187543	47.112	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	1122511	49.690	ng	99
88) Benzo(b)fluoranthene	15.186	252	940239	44.232	ng	99
89) Benzo(k)fluoranthene	15.215	252	906586	42.332	ng	97
90) Benzo(a)pyrene	15.568	252	920522	52.206	ng	99
91) Dibenzo(a,h)anthracene	17.203	278	957555	52.853	ng	97
92) Benzo(g,h,i)perylene	17.656	276	1015203	53.172	ng	100

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

