

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131841.D
 Acq On : 27 Dec 2022 17:26
 Operator : CG\JU
 Sample : N6180-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3050MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 00:36:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	77465	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	280117	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	162240	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	303606	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	151070	20.000	ng	0.00
86) Perylene-d12	15.515	264	160447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	574760	122.959	ng	0.03
7) Phenol-d6	6.481	99	681857	111.028	ng	0.01
23) Nitrobenzene-d5	7.410	82	587947	83.801	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	243007	137.857	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1023856	86.440	ng	0.00
79) Terphenyl-d14	12.974	244	1002758	112.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	81258	37.487	ng	# 81
3) Pyridine	3.469	79	202395	33.213	ng	97
4) n-Nitrosodimethylamine	3.393	42	117861	41.134	ng	96
6) Aniline	6.498	93	127192	17.077	ng	# 46
8) 2-Chlorophenol	6.628	128	215124	43.682	ng	96
9) Benzaldehyde	6.387	77	120584	30.601	ng	96
10) Phenol	6.492	94	257201	35.168	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	241471	46.172	ng	98
12) 1,3-Dichlorobenzene	6.775	146	231551	41.144	ng	99
13) 1,4-Dichlorobenzene	6.851	146	235406	41.505	ng	99
14) 1,2-Dichlorobenzene	7.004	146	227193	42.630	ng	98
15) Benzyl Alcohol	6.987	79	243716	45.254	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	298634	44.746	ng	96
17) 2-Methylphenol	7.098	107	192464	42.749	ng	98
18) Hexachloroethane	7.345	117	94063	41.071	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	193710	44.662	ng	99
20) 3+4-Methylphenols	7.251	107	239571	40.782	ng	92
22) Acetophenone	7.251	105	363388	44.250	ng	97
24) Nitrobenzene	7.428	77	300803	42.781	ng	97
25) Isophorone	7.669	82	537764	46.935	ng	99
26) 2-Nitrophenol	7.739	139	119287	43.634	ng	95
27) 2,4-Dimethylphenol	7.781	122	191776	49.179	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	299207	48.677	ng	99
29) 2,4-Dichlorophenol	7.987	162	202097	43.017	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	237296	42.601	ng	99
31) Naphthalene	8.145	128	635760	41.443	ng	99
32) Benzoic acid	7.904	122	83219	29.198	ng	91
33) 4-Chloroaniline	8.198	127	51540	8.756	ng	97
34) Hexachlorobutadiene	8.257	225	155292	40.749	ng	99
35) Caprolactam	8.581	113	44902m	32.280	ng	
36) 4-Chloro-3-methylphenol	8.692	107	231773	43.650	ng	98
37) 2-Methylnaphthalene	8.845	142	438870	42.626	ng	97
38) 1-Methylnaphthalene	8.939	142	409692	40.966	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	259577	45.567	ng	99
41) Hexachlorocyclopentadiene	8.992	237	125578	51.534	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	162262	44.473	ng	98

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44) 2,4,5-Trichlorophenol	9.169	196	170608	43.258	ng	95
46) 1,1'-Biphenyl	9.310	154	561977	45.244	ng	99
47) 2-Chloronaphthalene	9.333	162	446812	43.480	ng	98
48) 2-Nitroaniline	9.439	65	161466	42.868	ng	98
49) Acenaphthylene	9.751	152	662701	43.310	ng	99
50) Dimethylphthalate	9.616	163	541423	44.111	ng	100
51) 2,6-Dinitrotoluene	9.681	165	118769	44.700	ng	96
52) Acenaphthene	9.922	154	399801	43.293	ng	99
53) 3-Nitroaniline	9.851	138	60010	22.166	ng	88
54) 2,4-Dinitrophenol	9.957	184	73654	48.170	ng	95
55) Dibenzofuran	10.098	168	620489	43.610	ng	100
56) 4-Nitrophenol	10.022	139	137464	72.482	ng	94
57) 2,4-Dinitrotoluene	10.086	165	155328	42.746	ng	98
58) Fluorene	10.439	166	495491	42.658	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	139397m	43.070	ng	
60) Diethylphthalate	10.316	149	520967	44.100	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	272609	45.147	ng	98
62) 4-Nitroaniline	10.469	138	100334	35.560	ng	98
63) Azobenzene	10.592	77	566620	43.219	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	65874	31.867	ng	77
66) n-Nitrosodiphenylamine	10.557	169	418001	45.134	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	164599	46.777	ng	# 92
68) Hexachlorobenzene	10.986	284	178911	46.284	ng	96
69) Atrazine	11.086	200	158447	51.967	ng	97
70) Pentachlorophenol	11.186	266	170253	89.010	ng	96
71) Phenanthrene	11.410	178	710429	42.552	ng	99
72) Anthracene	11.463	178	721473	44.174	ng	99
73) Carbazole	11.622	167	599595	41.585	ng	99
74) Di-n-butylphthalate	11.945	149	774739	44.454	ng	99
75) Fluoranthene	12.598	202	729697	37.522	ng	99
77) Benzidine	12.727	184	24410	9.832	ng	98
78) Pyrene	12.833	202	721572	56.987	ng	99
80) Butylbenzylphthalate	13.451	149	254656	54.222	ng	95
81) Benzo(a)anthracene	14.021	228	493671	45.134	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	96737	30.599	ng	98
83) Chrysene	14.063	228	462766	45.024	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	316270	55.307	ng	100
85) Di-n-octyl phthalate	14.627	149	458339	59.540	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	569278	55.848	ng	99
88) Benzo(b)fluoranthene	15.086	252	462502	39.313	ng	98
89) Benzo(k)fluoranthene	15.115	252	443252	38.994	ng	100
90) Benzo(a)pyrene	15.457	252	409649	44.976	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	478998	57.368	ng	99
92) Benzo(g,h,i)perylene	17.474	276	464708	47.159	ng	97

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

