

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131847.D
 Acq On : 27 Dec 2022 20:34
 Operator : CG\JU
 Sample : N6208-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 00:40:21 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	72235	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	256037	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	136873	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	224270	20.000	ng	0.00
76) Chrysene-d12	14.033	240	136563	20.000	ng	0.00
86) Perylene-d12	15.515	264	139049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	529197	121.409	ng	0.01
7) Phenol-d6	6.475	99	689850	120.463	ng	0.00
23) Nitrobenzene-d5	7.404	82	488073	76.109	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	168321	113.185	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	785155	78.573	ng	0.00
79) Terphenyl-d14	12.975	244	638659	79.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	80449	39.801	ng	99
3) Pyridine	3.357	79	222059	39.078	ng	99
4) n-Nitrosodimethylamine	3.334	42	114165	42.729	ng	98
6) Aniline	6.498	93	102058	14.695	ng	99
8) 2-Chlorophenol	6.616	128	201115	43.794	ng	92
9) Benzaldehyde	6.387	77	147119	40.038	ng	99
10) Phenol	6.487	94	281671	41.303	ng	96
11) bis(2-Chloroethyl)ether	6.569	93	216071	44.306	ng	97
12) 1,3-Dichlorobenzene	6.775	146	223579	42.603	ng	99
13) 1,4-Dichlorobenzene	6.851	146	224520	42.452	ng	98
14) 1,2-Dichlorobenzene	7.004	146	214824	43.228	ng	99
15) Benzyl Alcohol	6.981	79	221470	44.101	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	276348	44.404	ng	97
17) 2-Methylphenol	7.098	107	176604	42.066	ng	98
18) Hexachloroethane	7.345	117	92292	43.215	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	176144	43.552	ng	97
20) 3+4-Methylphenols	7.251	107	229703	41.934	ng	# 91
22) Acetophenone	7.251	105	327194	43.589	ng	96
24) Nitrobenzene	7.428	77	269918	41.999	ng	98
25) Isophorone	7.663	82	478062	45.648	ng	99
26) 2-Nitrophenol	7.740	139	107253	42.922	ng	92
27) 2,4-Dimethylphenol	7.781	122	180071	50.520	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	271081	48.249	ng	99
29) 2,4-Dichlorophenol	7.987	162	177719	41.385	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	213530	41.939	ng	99
31) Naphthalene	8.145	128	574154	40.947	ng	100
32) Benzoic acid	7.910	122	105863	40.635	ng	94
33) 4-Chloroaniline	8.198	127	29290	5.444	ng	95
34) Hexachlorobutadiene	8.257	225	142453	40.896	ng	99
35) Caprolactam	8.581	113	50346m	39.598	ng	
36) 4-Chloro-3-methylphenol	8.692	107	202012	41.623	ng	98
37) 2-Methylnaphthalene	8.839	142	388553	41.288	ng	100
38) 1-Methylnaphthalene	8.939	142	356568	39.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	221888	46.170	ng	99
41) Hexachlorocyclopentadiene	8.992	237	139600	66.023	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	134594	43.727	ng	96

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44) 2,4,5-Trichlorophenol	9.169	196	139228	41.844	ng	# 92
46) 1,1'-Biphenyl	9.310	154	480363	45.840	ng	99
47) 2-Chloronaphthalene	9.334	162	381442	43.999	ng	99
48) 2-Nitroaniline	9.434	65	132207	41.605	ng	92
49) Acenaphthylene	9.751	152	547165	42.386	ng	99
50) Dimethylphthalate	9.616	163	463841	44.794	ng	99
51) 2,6-Dinitrotoluene	9.681	165	95293	42.511	ng	96
52) Acenaphthene	9.922	154	326701	41.933	ng	99
53) 3-Nitroaniline	9.845	138	39732	17.396	ng	95
54) 2,4-Dinitrophenol	9.957	184	69337	53.751	ng	94
55) Dibenzofuran	10.098	168	506100	42.163	ng	99
56) 4-Nitrophenol	10.016	139	117458	73.411	ng	86
57) 2,4-Dinitrotoluene	10.086	165	126807	41.365	ng	94
58) Fluorene	10.439	166	392454	40.049	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	107654m	39.427	ng	
60) Diethylphthalate	10.316	149	431310	43.277	ng	100
61) 4-Chlorophenyl-phenylether	10.433	204	217876	42.769	ng	97
62) 4-Nitroaniline	10.469	138	78948	33.166	ng	94
63) Azobenzene	10.592	77	521241	47.126	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	51932	34.010	ng	90
66) n-Nitrosodiphenylamine	10.557	169	335395	49.026	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	123544	47.530	ng	# 91
68) Hexachlorobenzene	10.986	284	126555	44.322	ng	96
69) Atrazine	11.086	200	119701	53.148	ng	98
70) Pentachlorophenol	11.186	266	120311	85.151	ng	97
71) Phenanthrene	11.410	178	507183	41.124	ng	99
72) Anthracene	11.457	178	516100	42.778	ng	99
73) Carbazole	11.616	167	417666	39.215	ng	98
74) Di-n-butylphthalate	11.945	149	567616	44.091	ng	100
75) Fluoranthene	12.604	202	481235	33.500	ng	97
77) Benzidine	12.733	184	197152	87.848	ng	98
78) Pyrene	12.833	202	488536	42.681	ng	99
80) Butylbenzylphthalate	13.451	149	194533	45.821	ng	98
81) Benzo(a)anthracene	14.021	228	415859	42.059	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	61315	21.455	ng	99
83) Chrysene	14.063	228	399864	43.037	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	255724	49.470	ng	99
85) Di-n-octyl phthalate	14.627	149	435221	62.543	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	355612	40.255	ng	99
88) Benzo(b)fluoranthene	15.086	252	414475	40.652	ng	99
89) Benzo(k)fluoranthene	15.116	252	396431	40.242	ng	100
90) Benzo(a)pyrene	15.457	252	343739	43.547	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	300687	41.554	ng	99
92) Benzo(g,h,i)perylene	17.468	276	270706	33.419	ng	96

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

