

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129942.D
 Acq On : 22 Aug 2022 16:04
 Operator : CG\JU
 Sample : N4142-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-NORTHMSD

Quant Time: Aug 23 04:48:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/23/2022
 Supervised By : Sohil Jodhani 08/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	146250	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	608741	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	316644	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	527253	20.000	ng	0.00
76) Chrysene-d12	13.951	240	357312	20.000	ng	0.00
86) Perylene-d12	15.404	264	293219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1010010	114.343	ng	0.02
7) Phenol-d6	6.440	99	1287908	116.431	ng	0.00
23) Nitrobenzene-d5	7.351	82	840557	73.917	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	361045	113.608	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1520204	72.918	ng	0.00
79) Terphenyl-d14	12.886	244	1616562	75.280	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	152390	41.817	ng	96
3) Pyridine	3.369	79	391516	41.053	ng	94
4) n-Nitrosodimethylamine	3.322	42	232337	52.863	ng	84
6) Aniline	6.446	93	519501	41.206	ng	90
8) 2-Chlorophenol	6.575	128	456506	46.424	ng	97
9) Benzaldehyde	6.334	77	286389	50.034	ng	95
10) Phenol	6.451	94	571192	47.075	ng	91
11) bis(2-Chloroethyl)ether	6.516	93	436065	47.327	ng	97
12) 1,3-Dichlorobenzene	6.716	146	476435	44.880	ng	99
13) 1,4-Dichlorobenzene	6.793	146	480816	44.327	ng	100
14) 1,2-Dichlorobenzene	6.945	146	453333	44.999	ng	98
15) Benzyl Alcohol	6.934	79	413679	49.538	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	602405	48.792	ng	92
17) 2-Methylphenol	7.051	107	367055	46.488	ng	98
18) Hexachloroethane	7.281	117	190675	46.811	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	339580	48.568	ng	99
20) 3+4-Methylphenols	7.204	107	479633	45.254	ng	# 83
22) Acetophenone	7.193	105	671678	45.278	ng	98
24) Nitrobenzene	7.369	77	504712	44.016	ng	95
25) Isophorone	7.610	82	916340	46.818	ng	99
26) 2-Nitrophenol	7.681	139	243742	43.215	ng	90
27) 2,4-Dimethylphenol	7.728	122	395746	48.925	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	550527	48.174	ng	99
29) 2,4-Dichlorophenol	7.934	162	377733	42.707	ng	96
30) 1,2,4-Trichlorobenzene	7.998	180	384006	41.155	ng	97
31) Naphthalene	8.081	128	1329528	41.771	ng	99
32) Benzoic acid	7.892	122	181743	49.502	ng	88
33) 4-Chloroaniline	8.140	127	440866	35.223	ng	97
34) Hexachlorobutadiene	8.192	225	243762	42.904	ng	98
35) Caprolactam	8.534	113	102843m	37.391	ng	
36) 4-Chloro-3-methylphenol	8.640	107	425308	44.573	ng	97
37) 2-Methylnaphthalene	8.775	142	875212	41.896	ng	99
38) 1-Methylnaphthalene	8.875	142	836368	41.196	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	389799	44.261	ng	98
41) Hexachlorocyclopentadiene	8.916	237	310256	96.474	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	239953	41.935	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	255978	41.581	ng	95
46) 1,1'-Biphenyl	9.239	154	1081433	44.956	ng	99
47) 2-Chloronaphthalene	9.263	162	823832	43.284	ng	97
48) 2-Nitroaniline	9.375	65	274597	45.653	ng	98
49) Acenaphthylene	9.681	152	1232741	42.711	ng	100
50) Dimethylphthalate	9.545	163	965824	42.549	ng	100
51) 2,6-Dinitrotoluene	9.616	165	210542	42.758	ng	96
52) Acenaphthene	9.851	154	746171	42.612	ng	99
53) 3-Nitroaniline	9.792	138	175563	32.241	ng	99
54) 2,4-Dinitrophenol	9.910	184	184006	82.472	ng	98
55) Dibenzofuran	10.022	168	1126255	42.812	ng	95
56) 4-Nitrophenol	9.981	139	217395	89.739	ng	84
57) 2,4-Dinitrotoluene	10.028	165	272047	42.561	ng	98
58) Fluorene	10.369	166	921285	41.942	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	194228	42.991	ng	# 77
60) Diethylphthalate	10.239	149	973164	42.997	ng	97
61) 4-Chlorophenyl-phenyle...	10.357	204	424255	43.039	ng	99
62) 4-Nitroaniline	10.416	138	216333m	39.380	ng	
63) Azobenzene	10.516	77	937465	43.333	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	130508	42.164	ng	91
66) n-Nitrosodiphenylamine	10.481	169	783486	44.026	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	270744	43.842	ng	98
68) Hexachlorobenzene	10.916	284	300735	44.956	ng	97
69) Atrazine	11.010	200	257729	47.186	ng	97
70) Pentachlorophenol	11.122	266	169215	84.104	ng	95
71) Phenanthrene	11.333	178	1248380	42.394	ng	100
72) Anthracene	11.386	178	1290171	44.058	ng	100
73) Carbazole	11.545	167	1151871	43.332	ng	99
74) Di-n-butylphthalate	11.857	149	1491099	43.584	ng	99
75) Fluoranthene	12.522	202	1287176	42.717	ng	99
77) Benzidine	12.645	184	533074	64.476	ng	100
78) Pyrene	12.751	202	1289010	41.514	ng	100
80) Butylbenzylphthalate	13.357	149	599148	45.602	ng	93
81) Benzo(a)anthracene	13.945	228	1027623	41.808	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	308025	40.463	ng	99
83) Chrysene	13.980	228	954384	41.480	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	836116	53.639	ng	98
85) Di-n-octyl phthalate	14.521	149	1215318	56.479	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	832989	41.381	ng	99
88) Benzo(b)fluoranthene	14.986	252	873089	43.484	ng	99
89) Benzo(k)fluoranthene	15.016	252	820681	42.621	ng	98
90) Benzo(a)pyrene	15.345	252	716900	45.340	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	721640	43.448	ng	100
92) Benzo(g,h,i)perylene	17.298	276	715416	43.174	ng	97

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

