

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120722\
 Data File : BF131541.D
 Acq On : 07 Dec 2022 17:55
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/08/2022
 Supervised By : Jagrut Upadhyay 12/08/2022

Quant Time: Dec 08 03:45:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 03:39:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	64242	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	225675	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	143540	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	248138	20.000	ng	0.00
76) Chrysene-d12	14.110	240	158095	20.000	ng	0.00
86) Perylene-d12	15.615	264	107385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	36432	9.684	ng	0.00
7) Phenol-d6	6.522	99	48902	10.410	ng	-0.01
23) Nitrobenzene-d5	7.469	82	55847	11.358	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	14142	8.653	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	106447	9.729	ng	-0.01
79) Terphenyl-d14	13.045	244	106619	10.185	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	8113	5.038	ng	95
3) Pyridine	3.446	79	20457	4.551	ng	95
4) n-Nitrosodimethylamine	3.375	42	10827	4.700	ng	# 99
6) Aniline	6.569	93	29687m	5.119	ng	
8) 2-Chlorophenol	6.687	128	20062	4.994	ng	98
9) Benzaldehyde	6.457	77	19489	6.500	ng	95
10) Phenol	6.534	94	26422	4.972	ng	98
11) bis(2-Chloroethyl)ether	6.639	93	21391	5.450	ng	92
12) 1,3-Dichlorobenzene	6.845	146	24262	5.174	ng	96
13) 1,4-Dichlorobenzene	6.928	146	23848	4.976	ng	97
14) 1,2-Dichlorobenzene	7.081	146	21241	4.757	ng	98
15) Benzyl Alcohol	7.045	79	20396m	5.191	ng	
16) 2,2'-oxybis(1-Chloropr...	7.181	45	27067	7.035	ng	99
17) 2-Methylphenol	7.151	107	17891	5.332	ng	96
18) Hexachloroethane	7.422	117	9611	5.398	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	18421	5.794	ng	95
20) 3+4-Methylphenols	7.304	107	23924	5.272	ng	# 83
22) Acetophenone	7.316	105	34233	5.590	ng	98
24) Nitrobenzene	7.492	77	27937	5.631	ng	98
25) Isophorone	7.728	82	46812	6.120	ng	97
26) 2-Nitrophenol	7.810	139	8278	4.557	ng	98
27) 2,4-Dimethylphenol	7.839	122	14330m	4.805	ng	
28) bis(2-Chloroethoxy)met...	7.945	93	22219	5.240	ng	99
29) 2,4-Dichlorophenol	8.051	162	17955	5.198	ng	96
30) 1,2,4-Trichlorobenzene	8.139	180	23313	5.401	ng	95
31) Naphthalene	8.222	128	61860	4.958	ng	99
33) 4-Chloroaniline	8.269	127	22839	4.887	ng	96
34) Hexachlorobutadiene	8.333	225	15782	5.119	ng	97
35) Caprolactam	8.598	113	5023	5.180	ng	93
36) 4-Chloro-3-methylphenol	8.739	107	19147	5.185	ng	97
37) 2-Methylnaphthalene	8.916	142	39246	4.701	ng	97
38) 1-Methylnaphthalene	9.016	142	40207	5.012	ng	98
40) 1,2,4,5-Tetrachloroben...	9.075	216	24777	4.673	ng	98
43) 2,4,6-Trichlorophenol	9.186	196	15200	4.741	ng	99
44) 2,4,5-Trichlorophenol	9.228	196	16152	4.724	ng	94
46) 1,1'-Biphenyl	9.380	154	54064	4.777	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.404	162	44818	4.847	ng	100
48) 2-Nitroaniline	9.498	65	13667	5.116	ng	97
49) Acenaphthylene	9.822	152	63502	4.598	ng	97
50) Dimethylphthalate	9.675	163	51745	4.988	ng	98
51) 2,6-Dinitrotoluene	9.739	165	10543	4.756	ng	95
52) Acenaphthene	9.992	154	41622m	4.645	ng	
53) 3-Nitroaniline	9.910	138	10276	4.429	ng	89
55) Dibenzofuran	10.169	168	58684	4.486	ng	97
56) 4-Nitrophenol	10.063	139	6501	4.015	ng	# 90
57) 2,4-Dinitrotoluene	10.139	165	12976	4.461	ng	85
58) Fluorene	10.510	166	47802	4.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	13161	4.538	ng	# 93
60) Diethylphthalate	10.375	149	49299	4.820	ng	96
61) 4-Chlorophenyl-phenyle...	10.504	204	26407	4.729	ng	99
62) 4-Nitroaniline	10.516	138	9870	4.266	ng	93
63) Azobenzene	10.663	77	54723	5.425	ng	98
66) n-Nitrosodiphenylamine	10.622	169	40178	5.159	ng	98
67) 4-Bromophenyl-phenylether	10.998	248	15661	5.045	ng	92
68) Hexachlorobenzene	11.057	284	16899	4.912	ng	95
69) Atrazine	11.145	200	13424	5.829	ng	99
70) Pentachlorophenol	11.251	266	7341m	3.985	ng	
71) Phenanthrene	11.480	178	65747	4.768	ng	99
72) Anthracene	11.527	178	64652	4.769	ng	99
73) Carbazole	11.686	167	54214	4.751	ng	99
74) Di-n-butylphthalate	12.016	149	63173	4.958	ng	98
75) Fluoranthene	12.668	202	72235	4.760	ng	98
77) Benzidine	12.798	184	24982	10.142	ng	99
78) Pyrene	12.904	202	72078	5.090	ng	98
80) Butylbenzylphthalate	13.521	149	17883	4.682	ng	95
81) Benzo(a)anthracene	14.098	228	55386	5.130	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	13855	4.739	ng	96
83) Chrysene	14.133	228	52107	5.020	ng	96
84) Bis(2-ethylhexyl)phtha...	14.080	149	18943	4.438	ng	97
87) Indeno(1,2,3-cd)pyrene	17.145	276	38724	5.249	ng	# 92
88) Benzo(b)fluoranthene	15.168	252	33948	4.867	ng	100
89) Benzo(k)fluoranthene	15.198	252	36719	4.849	ng	99
90) Benzo(a)pyrene	15.551	252	27417	4.736	ng	97
91) Dibenzo(a,h)anthracene	17.162	278	31509	5.323	ng	# 98
92) Benzo(g,h,i)perylene	17.609	276	31856	5.080	ng	96

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

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