

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120722\
 Data File : BF131546.D
 Acq On : 07 Dec 2022 20:40
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 03:48:27 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	67845	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	237368	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	144750	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	262102	20.000	ng	0.00
76) Chrysene-d12	14.116	240	153675	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	120985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	488576	122.976	ng	0.00
7) Phenol-d6	6.546	99	647475	130.508	ng	0.01
23) Nitrobenzene-d5	7.493	82	752573	145.514	ng	0.01
42) 2,4,6-Tribromophenol	10.763	330	215052	130.479	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1447982	131.229	ng	0.00
79) Terphenyl-d14	13.057	244	1434511	140.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	104913	61.688	ng	98
3) Pyridine	3.446	79	299346	63.054	ng	97
4) n-Nitrosodimethylamine	3.428	42	167756	68.953	ng	97
6) Aniline	6.587	93	389532	63.601	ng	99
8) 2-Chlorophenol	6.698	128	262536	61.880	ng	99
10) Phenol	6.557	94	368724m	65.700	ng	
11) bis(2-Chloroethyl)ether	6.651	93	277131	66.857	ng	99
12) 1,3-Dichlorobenzene	6.851	146	303053	61.198	ng	98
13) 1,4-Dichlorobenzene	6.934	146	306533	60.567	ng	97
14) 1,2-Dichlorobenzene	7.087	146	289195	61.328	ng	97
15) Benzyl Alcohol	7.063	79	312181	75.231	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	348395	85.744	ng	98
17) 2-Methylphenol	7.163	107	241420	68.125	ng	99
18) Hexachloroethane	7.428	117	127258	67.680	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	254645	75.839	ng	96
20) 3+4-Methylphenols	7.328	107	333032	69.492	ng	# 88
22) Acetophenone	7.334	105	456449	70.865	ng	# 94
24) Nitrobenzene	7.510	77	380747	72.964	ng	98
25) Isophorone	7.751	82	630634	78.389	ng	98
26) 2-Nitrophenol	7.822	139	141510	74.065	ng	96
27) 2,4-Dimethylphenol	7.857	122	215606	68.731	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	328241	73.598	ng	99
29) 2,4-Dichlorophenol	8.063	162	256152	70.499	ng	98
30) 1,2,4-Trichlorobenzene	8.145	180	306140	67.430	ng	98
31) Naphthalene	8.228	128	832221	63.418	ng	99
32) Benzoic acid	8.004	122	172068	90.957	ng	99
33) 4-Chloroaniline	8.281	127	301541	61.350	ng	99
34) Hexachlorobutadiene	8.340	225	222014	68.466	ng	98
35) Caprolactam	8.681	113	67127m	65.813	ng	
36) 4-Chloro-3-methylphenol	8.763	107	289648	74.573	ng	93
37) 2-Methylnaphthalene	8.922	142	573501	65.309	ng	98
38) 1-Methylnaphthalene	9.022	142	545622	64.662	ng	98
40) 1,2,4,5-Tetrachloroben...	9.087	216	335682	62.777	ng	99
41) Hexachlorocyclopentadiene	9.069	237	185114	76.852	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	213910	66.166	ng	100
44) 2,4,5-Trichlorophenol	9.239	196	224565	65.132	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.392	154	725323	63.547	ng	99
47) 2-Chloronaphthalene	9.416	162	573396	61.499	ng	99
48) 2-Nitroaniline	9.516	65	204648	75.965	ng	98
49) Acenaphthylene	9.834	152	840179	60.326	ng	100
50) Dimethylphthalate	9.698	163	696070	66.532	ng	99
51) 2,6-Dinitrotoluene	9.757	165	143861	64.354	ng	94
52) Acenaphthene	10.004	154	583694m	64.597	ng	
53) 3-Nitroaniline	9.934	138	130929	55.955	ng	91
54) 2,4-Dinitrophenol	10.034	184	85990	76.663	ng	88
55) Dibenzofuran	10.181	168	806483	61.139	ng	98
56) 4-Nitrophenol	10.086	139	97365	59.629	ng	94
57) 2,4-Dinitrotoluene	10.163	165	193746	66.054	ng	# 84
58) Fluorene	10.522	166	667157	61.290	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	192142m	65.698	ng	
60) Diethylphthalate	10.392	149	684412	66.350	ng	98
61) 4-Chlorophenyl-phenyle...	10.510	204	374354	66.483	ng	93
62) 4-Nitroaniline	10.557	138	129746	55.614	ng	96
63) Azobenzene	10.675	77	735718	72.329	ng	98
65) 4,6-Dinitro-2-methylph...	10.575	198	114388	79.537	ng	92
66) n-Nitrosodiphenylamine	10.633	169	541448	65.822	ng	99
67) 4-Bromophenyl-phenylether	11.004	248	217445	66.309	ng	97
68) Hexachlorobenzene	11.069	284	234364	64.488	ng	99
69) Atrazine	11.163	200	163419	67.185	ng	99
70) Pentachlorophenol	11.263	266	131949	67.808	ng	99
71) Phenanthrene	11.492	178	911260	62.569	ng	100
72) Anthracene	11.539	178	895351	62.530	ng	99
73) Carbazole	11.698	167	713461	59.189	ng	100
74) Di-n-butylphthalate	12.022	149	1002810	74.514	ng	99
75) Fluoranthene	12.680	202	944091	58.899	ng	97
77) Benzidine	12.798	184	108837	45.456	ng	99
78) Pyrene	12.916	202	932257	67.731	ng	99
80) Butylbenzylphthalate	13.527	149	326097	87.831	ng	97
81) Benzo(a)anthracene	14.104	228	683762	65.154	ng	98
82) 3,3'-Dichlorobenzidine	14.069	252	187473	65.965	ng	97
83) Chrysene	14.145	228	650437	64.469	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	421421	101.569	ng	# 97
85) Di-n-octyl phthalate	14.704	149	597159	122.400	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	567659	68.295	ng	99
88) Benzo(b)fluoranthene	15.180	252	515023	65.533	ng	99
89) Benzo(k)fluoranthene	15.210	252	536960	62.942	ng	98
90) Benzo(a)pyrene	15.563	252	427976	65.622	ng	98
91) Dibenzo(a,h)anthracene	17.198	278	478763	71.791	ng	100
92) Benzo(g,h,i)perylene	17.645	276	458939	64.959	ng	98

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

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