

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020922\
 Data File : BF126831.D
 Acq On : 09 Feb 2022 17:38
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 00:48:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	119851	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	479340	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	237605	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	417179	20.000	ng	0.00
76) Chrysene-d12	14.121	240	237719	20.000	ng	0.00
86) Perylene-d12	15.621	264	179792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	608715	78.198	ng	0.00
7) Phenol-d6	6.563	99	825672	78.571	ng	0.00
23) Nitrobenzene-d5	7.510	82	816193	78.565	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	200051	78.535	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1194773	75.692	ng	0.00
79) Terphenyl-d14	13.063	244	1262534	76.137	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.534	79	386295	39.127	ng	97
4) n-Nitrosodimethylamine	3.505	42	181430	39.137	ng	96
6) Aniline	6.610	93	495046	39.116	ng	99
8) 2-Chlorophenol	6.728	128	325869	39.331	ng	98
9) Benzaldehyde	6.498	77	236838	37.068	ng	99
10) Phenol	6.575	94	413263	39.016	ng	100
11) bis(2-Chloroethyl)ether	6.675	93	329972	39.127	ng	96
12) 1,3-Dichlorobenzene	6.881	146	349171	38.730	ng	96
13) 1,4-Dichlorobenzene	6.963	146	355883	39.058	ng	99
14) 1,2-Dichlorobenzene	7.116	146	332792	38.761	ng	99
15) Benzyl Alcohol	7.081	79	336505	40.520	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	534162	38.750	ng	98
17) 2-Methylphenol	7.181	107	284539	39.251	ng	97
18) Hexachloroethane	7.457	117	135351	39.231	ng	98
19) n-Nitroso-di-n-propyla...	7.351	70	264126	39.690	ng	97
20) 3+4-Methylphenols	7.340	107	366403	39.399	ng	98
22) Acetophenone	7.351	105	474649	38.269	ng	100
24) Nitrobenzene	7.528	77	391690	39.857	ng	99
25) Isophorone	7.763	82	667948	38.376	ng	100
26) 2-Nitrophenol	7.840	139	167748	40.783	ng	99
27) 2,4-Dimethylphenol	7.869	122	275202	39.662	ng	98
28) bis(2-Chloroethoxy)met...	7.969	93	413017	38.221	ng	99
29) 2,4-Dichlorophenol	8.075	162	252261	38.666	ng	97
30) 1,2,4-Trichlorobenzene	8.163	180	274762	38.101	ng	99
31) Naphthalene	8.251	128	949624	38.199	ng	100
32) Benzoic acid	7.981	122	205952	42.022	ng	98
33) 4-Chloroaniline	8.292	127	376615	38.479	ng	98
34) Hexachlorobutadiene	8.363	225	158711	38.634	ng	98
35) Caprolactam	8.669	113	89182m	39.820	ng	
36) 4-Chloro-3-methylphenol	8.769	107	320852	39.071	ng	97
37) 2-Methylnaphthalene	8.939	142	608234	38.286	ng	98
38) 1-Methylnaphthalene	9.039	142	588587	38.291	ng	98
40) 1,2,4,5-Tetrachloroben...	9.104	216	236487	38.122	ng	100
41) Hexachlorocyclopentadiene	9.086	237	140516	40.208	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	174285	38.947	ng	98
44) 2,4,5-Trichlorophenol	9.251	196	187118	39.509	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	720994	38.256	ng	99
47) 2-Chloronaphthalene	9.428	162	533612	38.335	ng	98
48) 2-Nitroaniline	9.522	65	218251	40.418	ng	99
49) Acenaphthylene	9.845	152	879829	38.788	ng	99
50) Dimethylphthalate	9.704	163	645528	38.390	ng	100
51) 2,6-Dinitrotoluene	9.763	165	134848	39.613	ng	# 81
52) Acenaphthene	10.022	154	565690	39.000	ng	99
53) 3-Nitroaniline	9.934	138	167839	40.422	ng	94
54) 2,4-Dinitrophenol	10.033	184	73354	40.538	ng	# 71
55) Dibenzofuran	10.192	168	774274	38.769	ng	98
56) 4-Nitrophenol	10.081	139	126318	42.359	ng	99
57) 2,4-Dinitrotoluene	10.169	165	182261	40.496	ng	97
58) Fluorene	10.533	166	584484	38.154	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	146245	39.420	ng	100
60) Diethylphthalate	10.398	149	673883	38.855	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	276096	38.448	ng	97
62) 4-Nitroaniline	10.551	138	159848	40.947	ng	99
63) Azobenzene	10.686	77	756001	38.289	ng	99
65) 4,6-Dinitro-2-methylph...	10.575	198	97829	41.029	ng	96
66) n-Nitrosodiphenylamine	10.645	169	510146	37.379	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	171851	37.906	ng	99
68) Hexachlorobenzene	11.080	284	183188	37.517	ng	99
69) Atrazine	11.169	200	162721	39.065	ng	98
70) Pentachlorophenol	11.269	266	112879	41.861	ng	95
71) Phenanthrene	11.498	178	872194	37.732	ng	99
72) Anthracene	11.551	178	876875	37.967	ng	100
73) Carbazole	11.704	167	804301	38.258	ng	100
74) Di-n-butylphthalate	12.027	149	1041281	38.419	ng	100
75) Fluoranthene	12.692	202	832678	38.511	ng	98
77) Benzidine	12.810	184	238572	38.140	ng	99
78) Pyrene	12.922	202	831774	38.551	ng	99
80) Butylbenzylphthalate	13.533	149	400036	40.485	ng	99
81) Benzo(a)anthracene	14.110	228	618741	38.421	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	186946	38.979	ng	99
83) Chrysene	14.145	228	586969	38.816	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	499968	39.023	ng	99
85) Di-n-octyl phthalate	14.704	149	684243	38.906	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	531188	41.438	ng	100
88) Benzo(b)fluoranthene	15.180	252	458699	39.939	ng	99
89) Benzo(k)fluoranthene	15.210	252	463113	39.056	ng	100
90) Benzo(a)pyrene	15.563	252	370652	39.550	ng	97
91) Dibenzo(a,h)anthracene	17.186	278	442491	41.564	ng	98
92) Benzo(g,h,i)perylene	17.639	276	439031	41.454	ng	98

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

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