

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127557.D
 Acq On : 29 Mar 2022 10:41
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 29 15:52:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/30/2022
 Supervised By : Jagrut Upadhyay 03/30/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	110528	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	380532	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	222871	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	379680	20.000	ng	0.00
76) Chrysene-d12	14.015	240	254033	20.000	ng	0.00
86) Perylene-d12	15.492	264	192040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	542468	78.342	ng	0.00
7) Phenol-d6	6.480	99	745948	78.811	ng	0.00
23) Nitrobenzene-d5	7.410	82	722777	81.191	ng	0.00
42) 2,4,6-Tribromophenol	10.668	330	183524	77.301	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1188959	77.900	ng	0.00
79) Terphenyl-d14	12.951	244	1255132	80.882	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	140326	46.141	ng	94
3) Pyridine	3.351	79	354451	41.293	ng	96
4) n-Nitrosodimethylamine	3.334	42	192184	40.778	ng	98
6) Aniline	6.504	93	449138	39.764	ng	94
8) 2-Chlorophenol	6.628	128	282397	39.909	ng	99
9) Benzaldehyde	6.392	77	192318	39.594	ng	97
10) Phenol	6.492	94	410721	39.846	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	310061	41.109	ng	98
12) 1,3-Dichlorobenzene	6.775	146	306079	38.458	ng	97
13) 1,4-Dichlorobenzene	6.851	146	312180	38.995	ng	98
14) 1,2-Dichlorobenzene	7.004	146	286977	36.805	ng	98
15) Benzyl Alcohol	6.986	79	271943	39.534	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	551044	40.600	ng	92
17) 2-Methylphenol	7.098	107	237801	39.821	ng	95
18) Hexachloroethane	7.339	117	116109	39.617	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	225559	39.756	ng	98
20) 3+4-Methylphenols	7.251	107	287097	38.978	ng	94
22) Acetophenone	7.251	105	386647	39.749	ng	99
24) Nitrobenzene	7.427	77	350808	41.321	ng	99
25) Isophorone	7.663	82	619598	43.699	ng	99
26) 2-Nitrophenol	7.739	139	148589	41.731	ng	99
27) 2,4-Dimethylphenol	7.774	122	224237	41.866	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	397443	43.151	ng	99
29) 2,4-Dichlorophenol	7.986	162	251746	41.403	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	284565	40.162	ng	97
31) Naphthalene	8.139	128	821930	40.684	ng	98
32) Benzoic acid	7.939	122	120459	40.249	ng	92
33) 4-Chloroaniline	8.198	127	321012	41.004	ng	99
34) Hexachlorobutadiene	8.245	225	181497	40.339	ng	99
35) Caprolactam	8.592	113	82685m	44.110	ng	
36) 4-Chloro-3-methylphenol	8.686	107	272273	41.272	ng	99
37) 2-Methylnaphthalene	8.833	142	536009	41.261	ng	98
38) 1-Methylnaphthalene	8.927	142	517754	40.306	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	282883	39.920	ng	99
41) Hexachlorocyclopentadiene	8.974	237	56897	35.103	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	178517	41.676	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	181036	41.057	ng	95
46) 1,1'-Biphenyl	9.298	154	664307	39.466	ng	98
47) 2-Chloronaphthalene	9.321	162	527918	39.827	ng	98
48) 2-Nitroaniline	9.427	65	208500	41.042	ng	96
49) Acenaphthylene	9.739	152	770997	38.475	ng	99
50) Dimethylphthalate	9.598	163	642047	41.410	ng	99
51) 2,6-Dinitrotoluene	9.668	165	133375	40.980	ng	93
52) Acenaphthene	9.910	154	466415	39.892	ng	98
53) 3-Nitroaniline	9.845	138	142123	39.809	ng	95
54) 2,4-Dinitrophenol	9.963	184	54258	38.140	ng	96
55) Dibenzofuran	10.080	168	693504	40.799	ng	99
56) 4-Nitrophenol	10.021	139	64852	35.690	ng	92
57) 2,4-Dinitrotoluene	10.080	165	159992	38.191	ng	92
58) Fluorene	10.427	166	554101	40.676	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	154466	39.622	ng	99
60) Diethylphthalate	10.298	149	578232	40.831	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	309296	38.597	ng	95
62) 4-Nitroaniline	10.468	138	129244	38.648	ng	99
63) Azobenzene	10.574	77	673098	40.282	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	103328	44.228	ng	96
66) n-Nitrosodiphenylamine	10.539	169	483963	41.874	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	186233	42.012	ng	92
68) Hexachlorobenzene	10.974	284	201954	41.737	ng	96
69) Atrazine	11.063	200	159770	41.524	ng	98
70) Pentachlorophenol	11.174	266	66693	39.432	ng	99
71) Phenanthrene	11.392	178	802481	40.541	ng	100
72) Anthracene	11.445	178	793464	40.394	ng	99
73) Carbazole	11.604	167	744409	39.627	ng	99
74) Di-n-butylphthalate	11.915	149	870145	44.750	ng	100
75) Fluoranthene	12.586	202	873401	40.117	ng	99
77) Benzidine	12.709	184	221569	36.580	ng	99
78) Pyrene	12.815	202	869587	39.886	ng	99
80) Butylbenzylphthalate	13.421	149	337690	47.062	ng	94
81) Benzo(a)anthracene	14.004	228	689000	40.557	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	195592	39.174	ng	98
83) Chrysene	14.045	228	657690	40.883	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	423140	51.014	ng	100
85) Di-n-octyl phthalate	14.580	149	643512	58.301	ng	100
87) Indeno(1,2,3-cd)pyrene	16.997	276	488035	37.557	ng	99
88) Benzo(b)fluoranthene	15.062	252	495071	40.886	ng	99
89) Benzo(k)fluoranthene	15.092	252	520901	41.498	ng	99
90) Benzo(a)pyrene	15.433	252	414493	41.711	ng	98
91) Dibenzo(a,h)anthracene	16.997	278	406320	37.873	ng	97
92) Benzo(g,h,i)perylene	17.444	276	404256	36.455	ng	98

03/30/2022
 Supervised By : Jagrut
 Upadhyay

03/30/2022

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

