

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134431.D
 Acq On : 24 Jul 2023 16:02
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 01:42:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:30:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	48782	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	174129	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	97044	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	197192	20.000	ng	0.00
76) Chrysene-d12	14.033	240	158553	20.000	ng	0.00
86) Perylene-d12	15.533	264	135964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	247022	83.663	ng	0.00
7) Phenol-d6	6.481	99	289324	79.980	ng	0.00
23) Nitrobenzene-d5	7.404	82	281286	81.730	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	113628	82.410	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	603769	81.677	ng	0.00
79) Terphenyl-d14	12.963	244	727546	80.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	49285	39.353	ng	100
3) Pyridine	3.375	79	119595	42.615	ng	100
4) n-Nitrosodimethylamine	3.334	42	67441	40.595	ng	100
6) Aniline	6.504	93	174571	40.945	ng	100
8) 2-Chlorophenol	6.622	128	122137	40.833	ng	100
9) Benzaldehyde	6.392	77	73109	37.739	ng	100
10) Phenol	6.492	94	152950	40.637	ng	100
11) bis(2-Chloroethyl)ether	6.575	93	104096	39.618	ng	100
12) 1,3-Dichlorobenzene	6.775	146	133609	41.539	ng	100
13) 1,4-Dichlorobenzene	6.851	146	135256	40.862	ng	100
14) 1,2-Dichlorobenzene	7.004	146	123913	39.851	ng	100
15) Benzyl Alcohol	6.981	79	118752	42.937	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	155091	40.082	ng	100
17) 2-Methylphenol	7.092	107	109506	41.050	ng	100
18) Hexachloroethane	7.339	117	50569	39.765	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	90566	40.216	ng	100
20) 3+4-Methylphenols	7.245	107	138842	40.651	ng	100
22) Acetophenone	7.245	105	175328	40.486	ng	100
24) Nitrobenzene	7.422	77	136616	39.914	ng	100
25) Isophorone	7.657	82	232473	40.529	ng	100
26) 2-Nitrophenol	7.733	139	64817	41.173	ng	100
27) 2,4-Dimethylphenol	7.769	122	100174	40.322	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	128131	40.133	ng	100
29) 2,4-Dichlorophenol	7.980	162	101718	40.958	ng	100
30) 1,2,4-Trichlorobenzene	8.057	180	109627	40.923	ng	100
31) Naphthalene	8.139	128	352035	40.622	ng	100
32) Benzoic acid	7.892	122	70667	43.076	ng	100
33) 4-Chloroaniline	8.192	127	146901	41.009	ng	100
34) Hexachlorobutadiene	8.245	225	73678	41.055	ng	100
35) Caprolactam	8.563	113	31650	41.759	ng	100
36) 4-Chloro-3-methylphenol	8.675	107	117065	40.852	ng	100
37) 2-Methylnaphthalene	8.827	142	244434	40.594	ng	100
38) 1-Methylnaphthalene	8.927	142	226216	40.497	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	113039	36.757	ng	100
41) Hexachlorocyclopentadiene	8.975	237	29371	38.466	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	80920	41.016	ng	100

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44) 2,4,5-Trichlorophenol	9.157	196	95408	41.507	ng	100
46) 1,1'-Biphenyl	9.292	154	326287	40.795	ng	100
47) 2-Chloronaphthalene	9.322	162	239450	40.609	ng	100
48) 2-Nitroaniline	9.422	65	89537	42.163	ng	100
49) Acenaphthylene	9.733	152	409944	41.153	ng	100
50) Dimethylphthalate	9.598	163	295635	41.095	ng	100
51) 2,6-Dinitrotoluene	9.663	165	65771	41.667	ng	100
52) Acenaphthene	9.910	154	242396	41.191	ng	100
53) 3-Nitroaniline	9.839	138	74991	41.436	ng	100
54) 2,4-Dinitrophenol	9.951	184	28948	38.654	ng	100
55) Dibenzofuran	10.080	168	370664	40.925	ng	100
56) 4-Nitrophenol	10.004	139	39739	41.175	ng	100
57) 2,4-Dinitrotoluene	10.074	165	89554	42.239	ng	100
58) Fluorene	10.427	166	300002	41.059	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	72632m	40.972	ng	
60) Diethylphthalate	10.298	149	302783	40.653	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	144109	41.288	ng	100
62) 4-Nitroaniline	10.457	138	77993	42.020	ng	100
63) Azobenzene	10.580	77	279798	40.813	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	47755	42.218	ng	100
66) n-Nitrosodiphenylamine	10.539	169	257495	41.043	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	87569	40.531	ng	100
68) Hexachlorobenzene	10.974	284	98592	40.524	ng	100
69) Atrazine	11.069	200	73222	41.862	ng	100
70) Pentachlorophenol	11.174	266	42525	41.650	ng	100
71) Phenanthrene	11.392	178	421531	40.914	ng	100
72) Anthracene	11.445	178	438318	41.219	ng	100
73) Carbazole	11.604	167	406651	40.610	ng	100
74) Di-n-butylphthalate	11.933	149	472250	41.083	ng	100
75) Fluoranthene	12.592	202	484848	40.379	ng	100
77) Benzidine	12.715	184	139119	41.093	ng	100
78) Pyrene	12.821	202	505419	40.091	ng	100
80) Butylbenzylphthalate	13.439	149	206915	40.974	ng	100
81) Benzo(a)anthracene	14.021	228	437987	39.594	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	139770	39.893	ng	100
83) Chrysene	14.062	228	427128	40.369	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	249982	40.747	ng	100
85) Di-n-octyl phthalate	14.621	149	346329	40.621	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	372830	41.973	ng	100
88) Benzo(b)fluoranthene	15.092	252	330796	38.890	ng	100
89) Benzo(k)fluoranthene	15.121	252	349237	41.739	ng	100
90) Benzo(a)pyrene	15.474	252	318740	40.541	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	299140	41.701	ng	100
92) Benzo(g,h,i)perylene	17.556	276	305967	41.540	ng	100

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

