

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136407.D
 Acq On : 05 Dec 2023 15:33
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 09:34:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:31:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	125946	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	508066	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	262020	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	490225	20.000	ng	0.00
76) Chrysene-d12	13.980	240	271269	20.000	ng	0.00
86) Perylene-d12	15.457	264	227198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	794715	93.187	ng	0.00
7) Phenol-d6	6.446	99	984321	92.510	ng	0.00
23) Nitrobenzene-d5	7.369	82	888292	94.518	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	305514	94.565	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1760524	91.681	ng	0.00
79) Terphenyl-d14	12.927	244	2006496	97.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	158474	46.981	ng	99
3) Pyridine	3.340	79	389022	47.623	ng	99
4) n-Nitrosodimethylamine	3.316	42	168981	47.614	ng	93
6) Aniline	6.469	93	497366	46.253	ng	97
8) 2-Chlorophenol	6.593	128	433702	46.584	ng	98
9) Benzaldehyde	6.357	77	232131	44.227	ng	96
10) Phenol	6.457	94	529233	46.743	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	389155	46.112	ng	99
12) 1,3-Dichlorobenzene	6.745	146	485640	46.383	ng	98
13) 1,4-Dichlorobenzene	6.822	146	493367	46.451	ng	98
14) 1,2-Dichlorobenzene	6.975	146	459373	45.994	ng	99
15) Benzyl Alcohol	6.951	79	335677	47.113	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	501717	46.223	ng	99
17) 2-Methylphenol	7.057	107	351027	46.669	ng	98
18) Hexachloroethane	7.310	117	173711	46.845	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	282744	46.066	ng	97
20) 3+4-Methylphenols	7.216	107	426045	45.634	ng	93
22) Acetophenone	7.216	105	590084	47.033	ng	# 97
24) Nitrobenzene	7.387	77	450128	47.611	ng	98
25) Isophorone	7.628	82	791290	46.864	ng	97
26) 2-Nitrophenol	7.698	139	223307	48.045	ng	97
27) 2,4-Dimethylphenol	7.740	122	270183	47.143	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	491265	47.349	ng	100
29) 2,4-Dichlorophenol	7.940	162	360022	47.592	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	417497	47.330	ng	99
31) Naphthalene	8.104	128	1310775	46.784	ng	100
32) Benzoic acid	7.875	122	290467	50.967	ng	98
33) 4-Chloroaniline	8.157	127	458736	45.926	ng	99
34) Hexachlorobutadiene	8.216	225	242620	46.410	ng	99
35) Caprolactam	8.539	113	106854	45.868	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	378451	47.117	ng	99
37) 2-Methylnaphthalene	8.792	142	839134	47.077	ng	98
38) 1-Methylnaphthalene	8.892	142	819099	46.830	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	386667	47.433	ng	99
41) Hexachlorocyclopentadiene	8.945	237	151649	50.214	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	255735	48.180	ng	96

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44) 2,4,5-Trichlorophenol	9.116	196	280018	47.267	ng	94
46) 1,1'-Biphenyl	9.263	154	1042913	46.778	ng	100
47) 2-Chloronaphthalene	9.286	162	820683	47.294	ng	100
48) 2-Nitroaniline	9.381	65	223227	47.964	ng	99
49) Acenaphthylene	9.698	152	1161518	46.988	ng	100
50) Dimethylphthalate	9.569	163	912662	47.311	ng	100
51) 2,6-Dinitrotoluene	9.628	165	206330	47.543	ng	95
52) Acenaphthene	9.875	154	734023m	46.347	ng	
53) 3-Nitroaniline	9.798	138	207186	46.750	ng	96
54) 2,4-Dinitrophenol	9.904	184	109187	49.761	ng	95
55) Dibenzofuran	10.045	168	1075792	46.488	ng	100
56) 4-Nitrophenol	9.957	139	165760	49.894	ng	97
57) 2,4-Dinitrotoluene	10.034	165	270669	47.145	ng	94
58) Fluorene	10.392	166	856770	46.122	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224987	47.413	ng	100
60) Diethylphthalate	10.269	149	895947	47.232	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	414773	45.803	ng	99
62) 4-Nitroaniline	10.416	138	208048	47.278	ng	95
63) Azobenzene	10.545	77	812920	47.082	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	154230	50.800	ng	85
66) n-Nitrosodiphenylamine	10.504	169	737710	46.897	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	268517	47.111	ng	97
68) Hexachlorobenzene	10.939	284	315192	47.847	ng	# 89
69) Atrazine	11.033	200	192716	42.924	ng	99
70) Pentachlorophenol	11.133	266	184882	49.728	ng	97
71) Phenanthrene	11.351	178	1273720	47.271	ng	99
72) Anthracene	11.404	178	1282518	47.257	ng	99
73) Carbazole	11.563	167	1121287	46.681	ng	100
74) Di-n-butylphthalate	11.898	149	1393695	47.329	ng	100
75) Fluoranthene	12.545	202	1305747	46.243	ng	99
77) Benzidine	12.669	184	370696	50.685	ng	99
78) Pyrene	12.775	202	1318794	49.640	ng	99
80) Butylbenzylphthalate	13.398	149	472342	49.944	ng	90
81) Benzo(a)anthracene	13.969	228	896205	47.429	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	258845	48.858	ng	100
83) Chrysene	14.004	228	887557	47.742	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	581680	50.171	ng	99
85) Di-n-octyl phthalate	14.580	149	860879	50.269	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	828870	52.513	ng	99
88) Benzo(b)fluoranthene	15.021	252	706930	45.508	ng	100
89) Benzo(k)fluoranthene	15.051	252	709473	48.463	ng	99
90) Benzo(a)pyrene	15.392	252	613798	47.845	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	674799	52.185	ng	98
92) Benzo(g,h,i)perylene	17.427	276	703304	52.991	ng	98

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

