

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136638.D
 Acq On : 19 Dec 2023 19:15
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121923

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 20 04:18:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 04:16:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	67693	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	270970	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	144125	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	274066	20.000	ng	0.00
76) Chrysene-d12	13.968	240	145609	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	128291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	358940	82.325	ng	0.00
7) Phenol-d6	6.440	99	455553	81.636	ng	0.00
23) Nitrobenzene-d5	7.357	82	429747	82.357	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	136030	80.939	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	852152	80.781	ng	0.00
79) Terphenyl-d14	12.916	244	862850	83.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	71851	40.149	ng	95
3) Pyridine	3.316	79	182939	41.588	ng	98
4) n-Nitrosodimethylamine	3.281	42	100040	42.172	ng	94
6) Aniline	6.463	93	231441	41.685	ng	# 75
8) 2-Chlorophenol	6.587	128	197072	41.342	ng	95
9) Benzaldehyde	6.351	77	129450	38.631	ng	97
10) Phenol	6.457	94	243942	41.007	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	184220	40.142	ng	100
12) 1,3-Dichlorobenzene	6.734	146	212616	41.106	ng	98
13) 1,4-Dichlorobenzene	6.810	146	216091	41.149	ng	99
14) 1,2-Dichlorobenzene	6.963	146	201067	41.022	ng	98
15) Benzyl Alcohol	6.940	79	161715	41.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	309238	41.190	ng	95
17) 2-Methylphenol	7.057	107	158518	40.866	ng	98
18) Hexachloroethane	7.298	117	79237	41.549	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	139815	40.411	ng	97
20) 3+4-Methylphenols	7.210	107	199020	40.745	ng	# 88
22) Acetophenone	7.204	105	273871	40.399	ng	# 97
24) Nitrobenzene	7.381	77	220687	41.661	ng	97
25) Isophorone	7.616	82	393189	40.394	ng	99
26) 2-Nitrophenol	7.692	139	106376	42.381	ng	95
27) 2,4-Dimethylphenol	7.734	122	126066	39.989	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	238970	40.564	ng	98
29) 2,4-Dichlorophenol	7.934	162	163794	41.913	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	183180	41.656	ng	97
31) Naphthalene	8.092	128	602026	40.662	ng	99
32) Benzoic acid	7.863	122	131870m	45.098	ng	
33) 4-Chloroaniline	8.145	127	220852	40.080	ng	98
34) Hexachlorobutadiene	8.210	225	109534	40.743	ng	99
35) Caprolactam	8.522	113	53389m	40.860	ng	
36) 4-Chloro-3-methylphenol	8.634	107	182222	40.962	ng	98
37) 2-Methylnaphthalene	8.786	142	384938	40.459	ng	100
38) 1-Methylnaphthalene	8.881	142	376390	40.145	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	180620	41.297	ng	100
41) Hexachlorocyclopentadiene	8.934	237	52955	38.895	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	117754	41.054	ng	100

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44) 2,4,5-Trichlorophenol	9.110	196	127438	40.304	ng	95
46) 1,1'-Biphenyl	9.251	154	487173	40.434	ng	98
47) 2-Chloronaphthalene	9.275	162	367861	40.431	ng	98
48) 2-Nitroaniline	9.375	65	119293	41.466	ng	97
49) Acenaphthylene	9.692	152	570525	40.831	ng	100
50) Dimethylphthalate	9.557	163	424368	41.060	ng	98
51) 2,6-Dinitrotoluene	9.616	165	97466	41.385	ng	97
52) Acenaphthene	9.863	154	349949	40.504	ng	97
53) 3-Nitroaniline	9.786	138	102790	40.623	ng	93
54) 2,4-Dinitrophenol	9.898	184	51669	43.014	ng	94
55) Dibenzofuran	10.033	168	527114	40.466	ng	98
56) 4-Nitrophenol	9.957	139	72904	42.245	ng	93
57) 2,4-Dinitrotoluene	10.022	165	125668	41.442	ng	95
58) Fluorene	10.380	166	411802	39.826	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99981	40.618	ng	98
60) Diethylphthalate	10.257	149	435080	40.484	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	201474	40.457	ng	96
62) 4-Nitroaniline	10.404	138	102607	40.987	ng	97
63) Azobenzene	10.533	77	409957	40.831	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	68561	42.369	ng	85
66) n-Nitrosodiphenylamine	10.492	169	366967	40.744	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	124121	40.521	ng	94
68) Hexachlorobenzene	10.928	284	140538	41.119	ng	94
69) Atrazine	11.022	200	71861	33.579	ng	98
70) Pentachlorophenol	11.122	266	69526	41.852	ng	100
71) Phenanthrene	11.345	178	570731	40.317	ng	99
72) Anthracene	11.398	178	571500	39.932	ng	100
73) Carbazole	11.557	167	543172	40.513	ng	99
74) Di-n-butylphthalate	11.886	149	671405	40.986	ng	100
75) Fluoranthene	12.533	202	605585	40.143	ng	99
77) Benzidine	12.663	184	140840	34.984	ng	97
78) Pyrene	12.769	202	597760	41.615	ng	100
80) Butylbenzylphthalate	13.392	149	219072	42.960	ng	97
81) Benzo(a)anthracene	13.963	228	412328	40.842	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	109745	40.139	ng	96
83) Chrysene	13.998	228	403929	41.413	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	271693	42.625	ng	100
85) Di-n-octyl phthalate	14.568	149	431484	43.436	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	397331	43.558	ng	100
88) Benzo(b)fluoranthene	15.015	252	336909	39.109	ng	98
89) Benzo(k)fluoranthene	15.045	252	327961	40.706	ng	98
90) Benzo(a)pyrene	15.386	252	294549	40.459	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	328735	43.954	ng	98
92) Benzo(g,h,i)perylene	17.409	276	339255	44.083	ng	97

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

