

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136633.D
 Acq On : 19 Dec 2023 16:38
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 04:12:42 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 04:11:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	72968	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	304792	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	166693	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	326634	20.000	ng	0.00
76) Chrysene-d12	13.974	240	189533	20.000	ng	0.00
86) Perylene-d12	15.450	264	147510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	205896	43.810	ng	0.00
7) Phenol-d6	6.433	99	259783	43.188	ng	-0.01
23) Nitrobenzene-d5	7.357	82	245881	41.892	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	83810	43.116	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	519067	42.544	ng	0.00
79) Terphenyl-d14	12.909	244	573554	42.613	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.545	88	40927	21.216	ng	98
3) Pyridine	3.316	79	101836m	21.512	ng	
4) n-Nitrosodimethylamine	3.269	42	54515	21.319	ng	# 97
6) Aniline	6.457	93	132660	22.166	ng	# 77
8) 2-Chlorophenol	6.580	128	110342	21.474	ng	97
9) Benzaldehyde	6.351	77	78856	21.831	ng	96
10) Phenol	6.451	94	140394	21.894	ng	90
11) bis(2-Chloroethyl)ether	6.533	93	104596	21.144	ng	99
12) 1,3-Dichlorobenzene	6.733	146	120172	21.554	ng	98
13) 1,4-Dichlorobenzene	6.810	146	122160	21.581	ng	99
14) 1,2-Dichlorobenzene	6.963	146	116623	22.073	ng	99
15) Benzyl Alcohol	6.939	79	94019	22.447	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	177972	21.992	ng	92
17) 2-Methylphenol	7.051	107	91411	21.862	ng	97
18) Hexachloroethane	7.298	117	44841	21.813	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	80672	21.631	ng	97
20) 3+4-Methylphenols	7.204	107	117759	22.366	ng	98
22) Acetophenone	7.198	105	161568	21.188	ng	# 97
24) Nitrobenzene	7.374	77	123622	20.747	ng	97
25) Isophorone	7.610	82	230564	21.058	ng	99
26) 2-Nitrophenol	7.692	139	60089	21.283	ng	89
27) 2,4-Dimethylphenol	7.727	122	75057	21.167	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	137464	20.744	ng	99
29) 2,4-Dichlorophenol	7.933	162	93858	21.352	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	105300	21.288	ng	99
31) Naphthalene	8.092	128	351730	21.120	ng	99
32) Benzoic acid	7.833	122	70779	21.279	ng	95
33) 4-Chloroaniline	8.145	127	129313	20.864	ng	99
34) Hexachlorobutadiene	8.210	225	63735	21.076	ng	98
35) Caprolactam	8.504	113	31904	21.707	ng	92
36) 4-Chloro-3-methylphenol	8.627	107	105854	21.155	ng	98
37) 2-Methylnaphthalene	8.780	142	227461	21.254	ng	99
38) 1-Methylnaphthalene	8.880	142	224116	21.251	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	106596	21.073	ng	100
41) Hexachlorocyclopentadiene	8.933	237	25668	19.524	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	69615	20.985	ng	99

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44) 2,4,5-Trichlorophenol	9.104	196	77988	21.326	ng	99
46) 1,1'-Biphenyl	9.251	154	295829	21.229	ng	98
47) 2-Chloronaphthalene	9.274	162	222487	21.142	ng	100
48) 2-Nitroaniline	9.368	65	70281	21.122	ng	97
49) Acenaphthylene	9.686	152	347272	21.489	ng	99
50) Dimethylphthalate	9.551	163	251224	21.016	ng	98
51) 2,6-Dinitrotoluene	9.616	165	58081	21.323	ng	93
52) Acenaphthene	9.863	154	214587	21.474	ng	97
53) 3-Nitroaniline	9.786	138	61835	21.129	ng	93
54) 2,4-Dinitrophenol	9.892	184	26929	19.383	ng	93
55) Dibenzofuran	10.033	168	324315	21.527	ng	99
56) 4-Nitrophenol	9.951	139	41847	20.966	ng	98
57) 2,4-Dinitrotoluene	10.021	165	76256	21.743	ng	92
58) Fluorene	10.380	166	257640	21.543	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	63247	22.216	ng	98
60) Diethylphthalate	10.251	149	262372	21.108	ng	99
61) 4-Chlorophenyl-phenyle...	10.368	204	125492	21.788	ng	97
62) 4-Nitroaniline	10.398	138	61698	21.309	ng	98
63) Azobenzene	10.533	77	245026	21.100	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	40682	21.095	ng	80
66) n-Nitrosodiphenylamine	10.492	169	223160	20.790	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	75821	20.769	ng	90
68) Hexachlorobenzene	10.927	284	85821	21.069	ng	# 91
69) Atrazine	11.021	200	54406	21.331	ng	99
70) Pentachlorophenol	11.121	266	41823	21.124	ng	95
71) Phenanthrene	11.345	178	356308	21.119	ng	99
72) Anthracene	11.392	178	358511	21.018	ng	99
73) Carbazole	11.551	167	342019	21.405	ng	99
74) Di-n-butylphthalate	11.886	149	411707	21.088	ng	99
75) Fluoranthene	12.533	202	388579	21.613	ng	99
77) Benzidine	12.662	184	50100	9.561	ng	96
78) Pyrene	12.768	202	394585	21.104	ng	100
80) Butylbenzylphthalate	13.392	149	136301	20.534	ng	99
81) Benzo(a)anthracene	13.962	228	275355	20.954	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	76999	21.635	ng	95
83) Chrysene	13.998	228	266089	20.958	ng	99
84) Bis(2-ethylhexyl)phtha...	13.956	149	169205	20.394	ng	98
85) Di-n-octyl phthalate	14.568	149	253988	19.643	ng	99
87) Indeno(1,2,3-cd)pyrene	16.950	276	210168	20.038	ng	100
88) Benzo(b)fluoranthene	15.015	252	205800	20.777	ng	99
89) Benzo(k)fluoranthene	15.045	252	200321	21.624	ng	98
90) Benzo(a)pyrene	15.386	252	173699	20.751	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	175067	20.358	ng	99
92) Benzo(g,h,i)perylene	17.403	276	176861	19.987	ng	96

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

