

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140760.D
 Acq On : 06 Dec 2024 12:08
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 11:51:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	95022	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	350541	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	200131	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	378576	20.000	ng	0.00
76) Chrysene-d12	14.057	240	226669	20.000	ng	0.00
86) Perylene-d12	15.557	264	194773	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	463145	83.162	ng	0.00
7) Phenol-d6	6.522	99	608048	82.586	ng	0.00
23) Nitrobenzene-d5	7.439	82	565572	82.527	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	185527	86.678	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1116690	83.136	ng	0.00
79) Terphenyl-d14	12.992	244	1229771	84.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	93419	39.896	ng	97
3) Pyridine	3.410	79	213359	41.413	ng	98
4) n-Nitrosodimethylamine	3.375	42	114897	37.945	ng	92
6) Aniline	6.540	93	218389	42.142	ng	# 65
8) 2-Chlorophenol	6.669	128	252651	42.168	ng	95
9) Benzaldehyde	6.428	77	132603	34.021	ng	99
10) Phenol	6.534	94	312090	41.507	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	247211	42.965	ng	98
12) 1,3-Dichlorobenzene	6.816	146	282952	42.028	ng	98
13) 1,4-Dichlorobenzene	6.892	146	287227	42.135	ng	99
14) 1,2-Dichlorobenzene	7.045	146	270520	42.351	ng	100
15) Benzyl Alcohol	7.022	79	219297	40.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	278783	41.013	ng	65
17) 2-Methylphenol	7.139	107	199403	41.575	ng	96
18) Hexachloroethane	7.381	117	106056	41.656	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	181231	41.650	ng	96
20) 3+4-Methylphenols	7.292	107	264848	42.961	ng	# 87
22) Acetophenone	7.287	105	363650	42.552	ng	95
24) Nitrobenzene	7.463	77	292812	41.340	ng	98
25) Isophorone	7.698	82	482161	42.182	ng	99
26) 2-Nitrophenol	7.775	139	137770	43.892	ng	96
27) 2,4-Dimethylphenol	7.816	122	168427m	44.847	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	302116	43.386	ng	99
29) 2,4-Dichlorophenol	8.034	162	217386	43.683	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	244202	42.979	ng	99
31) Naphthalene	8.175	128	768801	42.579	ng	99
32) Benzoic acid	7.969	122	142696	44.312	ng	99
33) 4-Chloroaniline	8.239	127	240385	44.466	ng	98
34) Hexachlorobutadiene	8.286	225	162294	43.124	ng	99
35) Caprolactam	8.610	113	65437m	42.490	ng	
36) 4-Chloro-3-methylphenol	8.722	107	238533	42.811	ng	98
37) 2-Methylnaphthalene	8.869	142	498281	43.448	ng	100
38) 1-Methylnaphthalene	8.969	142	486995	43.322	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	249157	42.527	ng	99
41) Hexachlorocyclopentadiene	9.016	237	50634	42.236	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	155875	42.399	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	168238	42.166	ng	97
46) 1,1'-Biphenyl	9.333	154	629274	42.115	ng	100
47) 2-Chloronaphthalene	9.357	162	477280	42.156	ng	99
48) 2-Nitroaniline	9.463	65	145911	40.151	ng	94
49) Acenaphthylene	9.775	152	717035	41.916	ng	100
50) Dimethylphthalate	9.633	163	563665	42.765	ng	99
51) 2,6-Dinitrotoluene	9.704	165	127633	42.697	ng	94
52) Acenaphthene	9.945	154	451633	41.551	ng	99
53) 3-Nitroaniline	9.880	138	123808	42.347	ng	94
54) 2,4-Dinitrophenol	9.992	184	74516	51.248	ng	96
55) Dibenzofuran	10.122	168	679609	40.992	ng	99
56) 4-Nitrophenol	10.063	139	100350	50.328	ng	90
57) 2,4-Dinitrotoluene	10.110	165	171137	43.077	ng	95
58) Fluorene	10.463	166	560503	42.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	142948	46.618	ng	91
60) Diethylphthalate	10.333	149	580417	43.342	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	287968	44.094	ng	97
62) 4-Nitroaniline	10.498	138	127283	41.509	ng	93
63) Azobenzene	10.610	77	535941	42.261	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	94268	48.729	ng	94
66) n-Nitrosodiphenylamine	10.575	169	471041	42.074	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	173133	44.407	ng	98
68) Hexachlorobenzene	11.016	284	192983	42.749	ng	99
69) Atrazine	11.098	200	107009	33.976	ng	99
70) Pentachlorophenol	11.216	266	81485	41.011	ng	98
71) Phenanthrene	11.427	178	765771	42.080	ng	99
72) Anthracene	11.480	178	758054	42.585	ng	100
73) Carbazole	11.639	167	733087	42.809	ng	100
74) Di-n-butylphthalate	11.957	149	914738	46.268	ng	100
75) Fluoranthene	12.621	202	869670	44.016	ng	100
77) Benzidine	12.751	184	251775	38.204	ng	99
78) Pyrene	12.851	202	870836	41.551	ng	100
80) Butylbenzylphthalate	13.457	149	335823	44.480	ng	97
81) Benzo(a)anthracene	14.045	228	630269	42.005	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	193591	42.973	ng	98
83) Chrysene	14.086	228	587775	42.841	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	408858	42.886	ng	99
85) Di-n-octyl phthalate	14.639	149	573400	44.010	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	551817	43.474	ng	99
88) Benzo(b)fluoranthene	15.121	252	520105	42.513	ng	100
89) Benzo(k)fluoranthene	15.151	252	464543	43.392	ng	100
90) Benzo(a)pyrene	15.498	252	426071	42.833	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	459567	44.209	ng	99
92) Benzo(g,h,i)perylene	17.545	276	465177	43.853	ng	99

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

