

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140820.D
 Acq On : 11 Dec 2024 11:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 12:40:12 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	6.863	152	102381	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	379038	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	216972	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	433324	20.000	ng	0.00
76) Chrysene-d12	14.057	240	282099	20.000	ng	0.00
86) Perylene-d12	15.574	264	227355	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	503207	83.861	ng	0.00
7) Phenol-d6	6.516	99	651520	82.130	ng	0.00
23) Nitrobenzene-d5	7.434	82	613729	82.821	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	208806	89.982	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1200734	82.454	ng	-0.01
79) Terphenyl-d14	12.980	244	1436970	79.318	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	102376	40.579	ng	99
3) Pyridine	3.434	79	247316	44.554	ng	99
4) n-Nitrosodimethylamine	3.357	42	122834	37.651	ng	95
6) Aniline	6.534	93	256680	45.971	ng	# 73
8) 2-Chlorophenol	6.657	128	267665	41.462	ng	98
9) Benzaldehyde	6.422	77	164516	39.175	ng	100
10) Phenol	6.528	94	339846	41.949	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	256560	41.385	ng	100
12) 1,3-Dichlorobenzene	6.804	146	307347	42.370	ng	98
13) 1,4-Dichlorobenzene	6.881	146	306090	41.674	ng	100
14) 1,2-Dichlorobenzene	7.034	146	288802	41.963	ng	100
15) Benzyl Alcohol	7.016	79	237416	40.357	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	293624	40.091	ng	# 55
17) 2-Methylphenol	7.134	107	211996	41.024	ng	94
18) Hexachloroethane	7.369	117	113502	41.376	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	193738	41.324	ng	98
20) 3+4-Methylphenols	7.287	107	280009	42.156	ng	# 85
22) Acetophenone	7.281	105	385289	41.694	ng	97
24) Nitrobenzene	7.451	77	311518	40.675	ng	98
25) Isophorone	7.692	82	521294	42.177	ng	99
26) 2-Nitrophenol	7.763	139	148488	43.750	ng	100
27) 2,4-Dimethylphenol	7.804	122	180940m	44.557	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	320350	42.545	ng	100
29) 2,4-Dichlorophenol	8.016	162	232155	43.144	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	258503	42.075	ng	99
31) Naphthalene	8.169	128	825267	42.270	ng	99
32) Benzoic acid	7.975	122	224243	61.140	ng	99
33) 4-Chloroaniline	8.222	127	264384	45.228	ng	99
34) Hexachlorobutadiene	8.275	225	174501	42.881	ng	99
35) Caprolactam	8.622	113	76500m	45.939	ng	
36) 4-Chloro-3-methylphenol	8.722	107	259991	43.154	ng	97
37) 2-Methylnaphthalene	8.857	142	532300	42.925	ng	100
38) 1-Methylnaphthalene	8.957	142	521074	42.869	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	265031	41.725	ng	99
41) Hexachlorocyclopentadiene	9.004	237	41504	33.712	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	167841	42.111	ng	100

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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)
44) 2,4,5-Trichlorophenol	9.198	196	180892	41.818	ng	98
46) 1,1'-Biphenyl	9.322	154	677858	41.845	ng	100
47) 2-Chloronaphthalene	9.351	162	512103	41.721	ng	99
48) 2-Nitroaniline	9.457	65	166844	42.347	ng	97
49) Acenaphthylene	9.763	152	768491	41.437	ng	99
50) Dimethylphthalate	9.628	163	609751	42.671	ng	100
51) 2,6-Dinitrotoluene	9.698	165	139000	42.890	ng	94
52) Acenaphthene	9.939	154	488788	41.479	ng	99
53) 3-Nitroaniline	9.875	138	139155	43.902	ng	94
54) 2,4-Dinitrophenol	9.986	184	92205	57.386	ng	94
55) Dibenzofuran	10.110	168	742594	41.314	ng	99
56) 4-Nitrophenol	10.057	139	120006	55.514	ng	96
57) 2,4-Dinitrotoluene	10.104	165	191128	44.375	ng	93
58) Fluorene	10.451	166	613472	42.521	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	158512	47.681	ng	93
60) Diethylphthalate	10.322	149	630458	43.424	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	305884	43.202	ng	98
62) 4-Nitroaniline	10.492	138	151001m	45.422	ng	
63) Azobenzene	10.604	77	572843	41.664	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	112984	51.025	ng	94
66) n-Nitrosodiphenylamine	10.563	169	526049	41.051	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	185802	41.636	ng	97
68) Hexachlorobenzene	11.004	284	212823	41.187	ng	99
69) Atrazine	11.092	200	120059	33.304	ng	99
70) Pentachlorophenol	11.210	266	97190	42.736	ng	99
71) Phenanthrene	11.422	178	861808	41.374	ng	99
72) Anthracene	11.475	178	852815	41.856	ng	100
73) Carbazole	11.633	167	855532	43.647	ng	100
74) Di-n-butylphthalate	11.951	149	971051	42.911	ng	100
75) Fluoranthene	12.616	202	1017546	44.993	ng	100
77) Benzidine	12.745	184	351094	42.807	ng	99
78) Pyrene	12.845	202	1038423	39.811	ng	99
80) Butylbenzylphthalate	13.457	149	388951	41.394	ng	99
81) Benzo(a)anthracene	14.045	228	804398	43.076	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	239195	42.663	ng	99
83) Chrysene	14.086	228	708746	41.508	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	453252	38.201	ng	100
85) Di-n-octyl phthalate	14.657	149	593981	36.632	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	628937	42.448	ng	99
88) Benzo(b)fluoranthene	15.133	252	668687	46.825	ng	99
89) Benzo(k)fluoranthene	15.163	252	492836	39.437	ng	100
90) Benzo(a)pyrene	15.510	252	491554	42.335	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	521292	42.961	ng	100
92) Benzo(g,h,i)perylene	17.562	276	540667	43.665	ng	99

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

