

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140266.D
 Acq On : 07 Nov 2024 11:21
 Operator : RC/JU
 Sample : P4693-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 11:51:48 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 05 16:47:56 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	131150	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	500686	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	299564	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	552061	20.000	ng	0.00
76) Chrysene-d12	14.063	240	317340	20.000	ng	0.00
86) Perylene-d12	15.563	264	310649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	684294	86.467	ng	0.00
7) Phenol-d6	6.498	99	890138	87.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	584384	58.030	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	291822	98.554	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1072740	57.182	ng	0.00
79) Terphenyl-d14	12.992	244	1245585	64.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	153933	42.308	ng	97
3) Pyridine	3.452	79	391950	44.149	ng	96
4) n-Nitrosodimethylamine	3.410	42	234713	45.792	ng	95
6) Aniline	6.540	93	525005	57.087	ng	98
8) 2-Chlorophenol	6.663	128	423921	51.196	ng	94
9) Benzaldehyde	6.428	77	63141	10.070	ng	95
10) Phenol	6.516	94	553873	51.233	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	401118	48.842	ng	97
12) 1,3-Dichlorobenzene	6.816	146	457546	47.153	ng	98
13) 1,4-Dichlorobenzene	6.892	146	459631	46.966	ng	100
14) 1,2-Dichlorobenzene	7.045	146	449401	49.166	ng	98
15) Benzyl Alcohol	7.016	79	395750	50.433	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	645948	48.591	ng	98
17) 2-Methylphenol	7.122	107	349663	50.621	ng	98
18) Hexachloroethane	7.387	117	170815	46.857	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	312291	48.090	ng	97
20) 3+4-Methylphenols	7.275	107	435120	50.156	ng	93
22) Acetophenone	7.287	105	587224	47.304	ng	# 92
24) Nitrobenzene	7.457	77	479060	45.336	ng	97
25) Isophorone	7.692	82	849809	49.009	ng	100
26) 2-Nitrophenol	7.775	139	223288	53.121	ng	95
27) 2,4-Dimethylphenol	7.804	122	343923	60.143	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	500330	48.217	ng	99
29) 2,4-Dichlorophenol	8.010	162	359124	50.765	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	388363	45.813	ng	99
31) Naphthalene	8.181	128	1232093	47.655	ng	100
32) Benzoic acid	7.922	122	245299	52.270	ng	96
33) 4-Chloroaniline	8.228	127	405299	47.617	ng	97
34) Hexachlorobutadiene	8.298	225	260818	45.455	ng	99
35) Caprolactam	8.592	113	118596m	55.109	ng	
36) 4-Chloro-3-methylphenol	8.704	107	398311	50.570	ng	98
37) 2-Methylnaphthalene	8.869	142	832558	49.340	ng	100
38) 1-Methylnaphthalene	8.969	142	771236	46.631	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	412156	46.998	ng	99
41) Hexachlorocyclopentadiene	9.022	237	477410	194.273	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	274347	50.483	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	283827	49.672	ng	98
46) 1,1'-Biphenyl	9.339	154	1025045	47.340	ng	99
47) 2-Chloronaphthalene	9.363	162	759316	46.592	ng	99
48) 2-Nitroaniline	9.457	65	270736	49.674	ng	95
49) Acenaphthylene	9.781	152	1203092	52.143	ng	100
50) Dimethylphthalate	9.639	163	924982	50.137	ng	100
51) 2,6-Dinitrotoluene	9.704	165	208762	48.139	ng	94
52) Acenaphthene	9.951	154	914306	55.868	ng	99
53) 3-Nitroaniline	9.869	138	186695	45.720	ng	99
54) 2,4-Dinitrophenol	9.981	184	247089	113.334	ng	88
55) Dibenzofuran	10.128	168	1137268	49.696	ng	98
56) 4-Nitrophenol	10.033	139	337156	117.429	ng	96
57) 2,4-Dinitrotoluene	10.104	165	289241	51.398	ng	96
58) Fluorene	10.469	166	895167	49.141	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	254827	54.439	ng	97
60) Diethylphthalate	10.345	149	910220	49.648	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	439144	47.833	ng	98
62) 4-Nitroaniline	10.492	138	218354	53.810	ng	94
63) Azobenzene	10.622	77	988314	52.003	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	170210	58.704	ng	98
66) n-Nitrosodiphenylamine	10.580	169	774971	48.807	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	291861	49.095	ng	98
68) Hexachlorobenzene	11.016	284	326453	48.176	ng	96
69) Atrazine	11.104	200	279706	64.387	ng	98
70) Pentachlorophenol	11.210	266	381238	104.774	ng	98
71) Phenanthrene	11.433	178	1317375	50.002	ng	100
72) Anthracene	11.486	178	1329677	51.469	ng	100
73) Carbazole	11.639	167	1164097	49.315	ng	100
74) Di-n-butylphthalate	11.969	149	1421178	50.862	ng	100
75) Fluoranthene	12.622	202	1330663	48.302	ng	100
77) Benzidine	12.745	184	661351	106.591	ng	98
78) Pyrene	12.851	202	1342741	51.246	ng	99
80) Butylbenzylphthalate	13.469	149	514185	54.498	ng	97
81) Benzo(a)anthracene	14.051	228	1046546	51.388	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	303363	47.434	ng	100
83) Chrysene	14.086	228	952852	49.963	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	668335	50.542	ng	100
85) Di-n-octyl phthalate	14.674	149	975115	48.993	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	908857	49.841	ng	99
88) Benzo(b)fluoranthene	15.127	252	990577	52.717	ng	99
89) Benzo(k)fluoranthene	15.157	252	785185	45.538	ng	100
90) Benzo(a)pyrene	15.504	252	832233	53.718	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	738261	49.209	ng	99
92) Benzo(g,h,i)perylene	17.533	276	669402	43.740	ng	99

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

