

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138408.D
 Acq On : 01 Jul 2024 17:35
 Operator : CG\JU
 Sample : P3115-12MSD 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024

Quant Time: Jul 01 18:19:04 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 29 02:44:30 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	171983	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	640603	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	261372	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	299736	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	288909	20.000	ng	0.00
86) Perylene-d12	15.498	264	289056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	127157	12.258	ng	0.00
7) Phenol-d6	6.504	99	173892	12.444	ng	-0.01
23) Nitrobenzene-d5	7.428	82	100764	8.171	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	20284	9.499	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	175267	10.672	ng	0.00
79) Terphenyl-d14	12.980	244	107054	5.078	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	22264	4.557	ng	98
3) Pyridine	3.416	79	55558	4.766	ng	97
4) n-Nitrosodimethylamine	3.345	42	38202	5.253	ng	96
6) Aniline	6.534	93	27538	2.019	ng	98
8) 2-Chlorophenol	6.657	128	66759	5.995	ng	94
10) Phenol	6.516	94	85875	5.768	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	67048	5.734	ng	96
12) 1,3-Dichlorobenzene	6.810	146	70253	5.509	ng	98
13) 1,4-Dichlorobenzene	6.892	146	70366	5.503	ng	98
14) 1,2-Dichlorobenzene	7.039	146	67666	5.732	ng	97
15) Benzyl Alcohol	7.010	79	55871	5.582	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	139131	5.899	ng	99
17) 2-Methylphenol	7.128	107	52007	5.635	ng	95
18) Hexachloroethane	7.386	117	24515	5.315	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	53155	6.034	ng	94
20) 3+4-Methylphenols	7.281	107	68144	6.355	ng	# 90
22) Acetophenone	7.275	105	87137	5.996	ng	# 92
24) Nitrobenzene	7.451	77	68068	5.427	ng	98
25) Isophorone	7.686	82	132617	5.832	ng	99
26) 2-Nitrophenol	7.769	139	28683	5.302	ng	95
27) 2,4-Dimethylphenol	7.804	122	44378	6.409	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	81260	5.937	ng	99
29) 2,4-Dichlorophenol	8.016	162	49470	5.563	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	56481	5.462	ng	100
31) Naphthalene	8.175	128	215128	6.643	ng	98
32) Benzoic acid	7.869	122	20631	7.081	ng	96
33) 4-Chloroaniline	8.222	127	23857	2.109	ng	96
34) Hexachlorobutadiene	8.292	225	32064	5.165	ng	97
35) Caprolactam	8.557	113	17125m	6.098	ng	
36) 4-Chloro-3-methylphenol	8.704	107	54121	5.713	ng	97
37) 2-Methylnaphthalene	8.863	142	132787	6.344	ng	98
38) 1-Methylnaphthalene	8.963	142	117133	5.771	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	46226	6.394	ng	97
41) Hexachlorocyclopentadiene	9.016	237	25684	12.069	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	29745	6.466	ng	97
44) 2,4,5-Trichlorophenol	9.186	196	29988	5.994	ng	# 65

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.327	154	147305	7.548	ng	97
47) 2-Chloronaphthalene	9.351	162	93490	6.283	ng	97
48) 2-Nitroaniline	9.445	65	38738	8.071	ng	87
49) Acenaphthylene	9.769	152	170976	8.170	ng	# 93
50) Dimethylphthalate	9.622	163	118245	7.039	ng	# 95
51) 2,6-Dinitrotoluene	9.686	165	33223	8.831	ng	90
52) Acenaphthene	9.945	154	105721	7.378	ng	96
53) 3-Nitroaniline	9.857	138	17804	4.792	ng	# 75
54) 2,4-Dinitrophenol	9.963	184	5703	12.114	ng	# 56
55) Dibenzofuran	10.116	168	141711	7.178	ng	98
56) 4-Nitrophenol	10.027	139	20042	8.319	ng	# 1
57) 2,4-Dinitrotoluene	10.092	165	22966	4.958	ng	# 74
58) Fluorene	10.457	166	93223	5.943	ng	# 95
59) 2,3,4,6-Tetrachlorophenol	10.233	232	16838	4.531	ng	# 72
60) Diethylphthalate	10.327	149	99144	6.313	ng	# 87
61) 4-Chlorophenyl-phenyle...	10.451	204	42598	5.352	ng	# 82
62) 4-Nitroaniline	10.463	138	14672	4.302	ng	# 72
63) Azobenzene	10.610	77	86236	5.199	ng	90
65) 4,6-Dinitro-2-methylph...	10.498	198	5167	8.630	ng	# 1
66) n-Nitrosodiphenylamine	10.569	169	69449	7.463	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	19424	6.029	ng	# 80
68) Hexachlorobenzene	11.010	284	18226	5.133	ng	# 67
69) Atrazine	11.092	200	20001	7.666	ng	# 63
70) Pentachlorophenol	11.204	266	13442	7.458	ng	94
71) Phenanthrene	11.427	178	357281	24.414	ng	# 97
72) Anthracene	11.474	178	149598m	10.250	ng	
73) Carbazole	11.627	167	104316	8.609	ng	# 80
74) Di-n-butylphthalate	11.957	149	109336	7.120	ng	# 85
75) Fluoranthene	12.615	202	564854	43.053	ng	97
78) Pyrene	12.845	202	727443	23.558	ng	98
80) Butylbenzylphthalate	13.451	149	42677	4.542	ng	88
81) Benzo(a)anthracene	14.021	228	525835	28.277	ng	96
82) 3,3'-Dichlorobenzidine	13.986	252	18047	3.287	ng	# 90
83) Chrysene	14.057	228	585684	32.368	ng	97
84) Bis(2-ethylhexyl)phtha...	14.009	149	84006	7.129	ng	97
85) Di-n-octyl phthalate	14.621	149	137564	6.670	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.956	276	182916	12.594	ng	98
88) Benzo(b)fluoranthene	15.074	252	709440	44.733	ng	# 96
89) Benzo(k)fluoranthene	15.098	252	330776m	22.644	ng	
90) Benzo(a)pyrene	15.433	252	346317	24.913	ng	# 95
91) Dibenzo(a,h)anthracene	16.974	278	88547	7.553	ng	# 95
92) Benzo(g,h,i)perylene	17.403	276	140052	12.212	ng	99

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

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