

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138134.D
 Acq On : 06 Jun 2024 15:41
 Operator : CG\JU
 Sample : P2704-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 16:47:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 06 05:19:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	401345	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1605431	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	915547	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1582119	20.000	ng	0.00
76) Chrysene-d12	14.068	240	705917	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	715469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2703406	114.795	ng	0.01
7) Phenol-d6	6.534	99	3276593	109.968	ng	0.00
23) Nitrobenzene-d5	7.475	82	2224410	94.270	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1186446	134.656	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	4266961	81.492	ng	0.00
79) Terphenyl-d14	13.016	244	4410131	93.444	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	370862	34.360	ng	# 83
3) Pyridine	3.587	79	769251	29.086	ng	99
4) n-Nitrosodimethylamine	3.534	42	551287	42.460	ng	95
6) Aniline	6.569	93	484433	16.035	ng	99
8) 2-Chlorophenol	6.692	128	1197817	47.015	ng	96
10) Phenol	6.551	94	1281755m	41.871	ng	
11) bis(2-Chloroethyl)ether	6.645	93	1068854	43.555	ng	99
12) 1,3-Dichlorobenzene	6.845	146	1175232	40.259	ng	97
13) 1,4-Dichlorobenzene	6.922	146	1201373	40.864	ng	97
14) 1,2-Dichlorobenzene	7.075	146	1162818	42.136	ng	99
15) Benzyl Alcohol	7.045	79	990090	46.963	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1550354	43.033	ng	99
17) 2-Methylphenol	7.157	107	936182	45.398	ng	98
18) Hexachloroethane	7.416	117	409829	40.843	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	850454	44.763	ng	98
20) 3+4-Methylphenols	7.310	107	1178786	45.939	ng	92
22) Acetophenone	7.316	105	1578910	42.720	ng	# 95
24) Nitrobenzene	7.492	77	1195199	46.497	ng	95
25) Isophorone	7.728	82	2262117	43.516	ng	98
26) 2-Nitrophenol	7.804	139	586547	52.749	ng	94
27) 2,4-Dimethylphenol	7.839	122	919812m	50.940	ng	
28) bis(2-Chloroethoxy)met...	7.939	93	1401910	44.273	ng	99
29) 2,4-Dichlorophenol	8.045	162	1056609	48.551	ng	96
30) 1,2,4-Trichlorobenzene	8.128	180	1097698	41.802	ng	99
31) Naphthalene	8.210	128	3296365	42.451	ng	99
32) Benzoic acid	7.963	122	706528	50.344	ng	97
33) 4-Chloroaniline	8.251	127	116299	3.985	ng	98
34) Hexachlorobutadiene	8.328	225	610778	39.582	ng	99
35) Caprolactam	8.628	113	311914m	42.923	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1073536	48.137	ng	97
37) 2-Methylnaphthalene	8.898	142	2309507	44.120	ng	100
38) 1-Methylnaphthalene	8.998	142	2168832	42.315	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1162089	44.958	ng	99
41) Hexachlorocyclopentadiene	9.051	237	1122668	131.567	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	805484	51.325	ng	99
44) 2,4,5-Trichlorophenol	9.222	196	860636	49.767	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2907160	45.205	ng	99
47) 2-Chloronaphthalene	9.392	162	2272996	44.350	ng	98
48) 2-Nitroaniline	9.486	65	636501	49.782	ng	98
49) Acenaphthylene	9.810	152	3504010	48.314	ng	99
50) Dimethylphthalate	9.669	163	2766594	48.091	ng	99
51) 2,6-Dinitrotoluene	9.728	165	609856	48.785	ng	95
52) Acenaphthene	9.980	154	2399883	48.973	ng	100
53) 3-Nitroaniline	9.892	138	133042	12.937	ng	95
54) 2,4-Dinitrophenol	9.998	184	506158	94.170	ng	95
55) Dibenzofuran	10.151	168	3168186	45.708	ng	99
56) 4-Nitrophenol	10.051	139	807206	92.253	ng	99
57) 2,4-Dinitrotoluene	10.133	165	797402	53.151	ng	# 84
58) Fluorene	10.492	166	2473833	44.934	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	738979	54.176	ng	98
60) Diethylphthalate	10.369	149	2598976	46.279	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	1258604	45.000	ng	98
62) 4-Nitroaniline	10.510	138	470205	43.789	ng	96
63) Azobenzene	10.645	77	2482497	45.895	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	334954	54.171	ng	98
66) n-Nitrosodiphenylamine	10.604	169	2165338	45.831	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	874520	48.546	ng	95
68) Hexachlorobenzene	11.039	284	984064	46.988	ng	98
69) Atrazine	11.127	200	401753	26.430	ng	100
70) Pentachlorophenol	11.227	266	1122793	100.151	ng	99
71) Phenanthrene	11.457	178	3472189	45.588	ng	99
72) Anthracene	11.510	178	3579979	47.127	ng	100
73) Carbazole	11.657	167	2788057	40.133	ng	99
74) Di-n-butylphthalate	11.992	149	3696311	45.266	ng	99
75) Fluoranthene	12.639	202	3348240	40.743	ng	99
77) Benzidine	12.763	184	59427m	8.181	ng	
78) Pyrene	12.869	202	3315910	51.940	ng	99
80) Butylbenzylphthalate	13.492	149	1215111	57.639	ng	93
81) Benzo(a)anthracene	14.057	228	2135454	47.948	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	92938	8.233	ng	97
83) Chrysene	14.092	228	2079556	48.653	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	1585532	51.623	ng	99
85) Di-n-octyl phthalate	14.668	149	2340902	55.371	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1610530	41.828	ng	98
88) Benzo(b)fluoranthene	15.110	252	2111141	46.937	ng	99
89) Benzo(k)fluoranthene	15.139	252	1934170	45.094	ng	99
90) Benzo(a)pyrene	15.480	252	1725590	50.657	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	1275449	41.473	ng	99
92) Benzo(g,h,i)perylene	17.480	276	1216039	38.235	ng	100

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

