

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138103.D
 Acq On : 03 Jun 2024 13:26
 Operator : CG\JU
 Sample : P2646-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TPSMS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024

Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 14:06:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 01 01:21:05 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	127431	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	493087	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	280707	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	453084	20.000	ng	0.00
76) Chrysene-d12	14.233	240	230587	20.000	ng	0.00
86) Perylene-d12	15.798	264	278172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	872418	122.385	ng	0.02
7) Phenol-d6	6.663	99	1011586	110.200	ng	0.00
23) Nitrobenzene-d5	7.598	82	720209	85.111	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	403141	123.123	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1556072	82.170	ng	0.00
79) Terphenyl-d14	13.169	244	1374310	86.212	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.157	88	118931	38.429	ng	# 83
3) Pyridine	3.851	79	181081	26.479	ng	98
4) n-Nitrosodimethylamine	3.793	42	138638	46.155	ng	98
6) Aniline	6.722	93	46833	12.747	ng	99
8) 2-Chlorophenol	6.828	128	366369	44.801	ng	95
9) Benzaldehyde	6.587	77	18298	4.484	ng	97
10) Phenol	6.675	94	376251	41.372	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	365069	48.532	ng	97
12) 1,3-Dichlorobenzene	6.975	146	395403	41.610	ng	98
13) 1,4-Dichlorobenzene	7.051	146	402384	42.123	ng	98
14) 1,2-Dichlorobenzene	7.204	146	383139	42.388	ng	100
15) Benzyl Alcohol	7.175	79	253556	59.870	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	379236	45.742	ng	88
17) 2-Methylphenol	7.287	107	288152	43.897	ng	95
18) Hexachloroethane	7.545	117	137184	42.276	ng	95
19) n-Nitroso-di-n-propyla...	7.445	70	234577	44.069	ng	96
20) 3+4-Methylphenols	7.439	107	354910	43.010	ng	# 58
22) Acetophenone	7.439	105	496462	44.690	ng	95
24) Nitrobenzene	7.616	77	362223	43.008	ng	97
25) Isophorone	7.851	82	664313	45.503	ng	98
26) 2-Nitrophenol	7.934	139	204438	45.414	ng	96
27) 2,4-Dimethylphenol	7.963	122	254865	47.298	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	404264	45.248	ng	98
29) 2,4-Dichlorophenol	8.181	162	330394	45.685	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	340620	42.499	ng	98
31) Naphthalene	8.339	128	1097569	43.262	ng	99
32) Benzoic acid	8.063	122	60318	19.664	ng	99
33) 4-Chloroaniline	8.428	127	101897	11.901	ng	95
34) Hexachlorobutadiene	8.451	225	209855	40.537	ng	99
35) Caprolactam	8.775	113	73527m	33.637	ng	
36) 4-Chloro-3-methylphenol	8.875	107	326804	45.076	ng	99
37) 2-Methylnaphthalene	9.033	142	732701	43.895	ng	99
38) 1-Methylnaphthalene	9.133	142	680482	41.891	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	352751	44.272	ng	99
41) Hexachlorocyclopentadiene	9.181	237	361901	130.204	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	233295	44.140	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	258529	44.862	ng	98
46) 1,1'-Biphenyl	9.498	154	908555	45.001	ng	99
47) 2-Chloronaphthalene	9.528	162	698293	43.124	ng	98
48) 2-Nitroaniline	9.628	65	193465	47.713	ng	93
49) Acenaphthylene	9.945	152	1118687	48.274	ng	99
50) Dimethylphthalate	9.798	163	853211	45.869	ng	99
51) 2,6-Dinitrotoluene	9.863	165	190622	44.638	ng	93
52) Acenaphthene	10.116	154	644748	43.929	ng	99
53) 3-Nitroaniline	10.039	138	124280	30.575	ng	99
54) 2,4-Dinitrophenol	10.145	184	145257	69.962	ng	95
55) Dibenzofuran	10.292	168	1000819	44.412	ng	99
56) 4-Nitrophenol	10.204	139	242875	89.649	ng	94
57) 2,4-Dinitrotoluene	10.269	165	257208	45.674	ng	90
58) Fluorene	10.633	166	798658	43.989	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	213308	46.978	ng	99
60) Diethylphthalate	10.498	149	789628	44.695	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	397913	43.402	ng	97
62) 4-Nitroaniline	10.657	138	174217	47.209	ng	98
63) Azobenzene	10.786	77	692673	45.626	ng	95
65) 4,6-Dinitro-2-methylph...	10.680	198	122971	43.283	ng	88
66) n-Nitrosodiphenylamine	10.745	169	687171	48.754	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	247029	46.515	ng	95
68) Hexachlorobenzene	11.186	284	273344	46.320	ng	94
69) Atrazine	11.269	200	176088	45.252	ng	98
70) Pentachlorophenol	11.380	266	254456	83.291	ng	98
71) Phenanthrene	11.604	178	1071370	47.010	ng	100
72) Anthracene	11.657	178	1100117	48.401	ng	99
73) Carbazole	11.816	167	932788	44.171	ng	99
74) Di-n-butylphthalate	12.127	149	1103083	43.768	ng	99
75) Fluoranthene	12.798	202	959085	39.884	ng	99
77) Benzidine	12.939	184	43958	16.399	ng	# 69
78) Pyrene	13.033	202	938426	47.906	ng	99
80) Butylbenzylphthalate	13.633	149	336133	47.263	ng	96
81) Benzo(a)anthracene	14.221	228	715446	47.508	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	165977	41.143	ng	99
83) Chrysene	14.263	228	684480	48.138	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	423283	43.748	ng	98
85) Di-n-octyl phthalate	14.815	149	698925	49.291	ng	99
87) Indeno(1,2,3-cd)pyrene	17.439	276	825902	49.259	ng	99
88) Benzo(b)fluoranthene	15.327	252	760638	44.386	ng	99
89) Benzo(k)fluoranthene	15.362	252	716906	44.029	ng	99
90) Benzo(a)pyrene	15.733	252	701361	48.960	ng	99
91) Dibenzo(a,h)anthracene	17.456	278	674033	49.001	ng	98
92) Benzo(g,h,i)perylene	17.939	276	612956	43.870	ng	98

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

