

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
 Data File : BF138092.D
 Acq On : 31 May 2024 17:14
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: Jun 01 01:17:57 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 01:06:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	120783	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	455920	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	250394	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	422628	20.000	ng	0.00
76) Chrysene-d12	14.239	240	233344	20.000	ng	0.00
86) Perylene-d12	15.804	264	243280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	972082	143.872	ng	0.00
7) Phenol-d6	6.675	99	1242438	142.798	ng	0.01
23) Nitrobenzene-d5	7.610	82	1168179	149.304	ng	0.00
42) 2,4,6-Tribromophenol	10.886	330	438199	150.032	ng	0.00
45) 2-Fluorobiphenyl	9.404	172	2344945	138.819	ng	0.00
79) Terphenyl-d14	13.174	244	2309175	143.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.934	88	219928	74.974	ng	99
3) Pyridine	3.716	79	523336	80.715	ng	99
4) n-Nitrosodimethylamine	3.698	42	222617	78.192	ng	100
6) Aniline	6.710	93	296014m	76.650	ng	
8) 2-Chlorophenol	6.828	128	553572	71.419	ng	99
9) Benzaldehyde	6.592	77	186937	48.332	ng	98
10) Phenol	6.686	94	619260	71.758	ng	99
11) bis(2-Chloroethyl)ether	6.775	93	547070	76.730	ng	99
12) 1,3-Dichlorobenzene	6.981	146	644825	71.593	ng	98
13) 1,4-Dichlorobenzene	7.057	146	646646	71.419	ng	98
14) 1,2-Dichlorobenzene	7.216	146	602817	70.363	ng	99
15) Benzyl Alcohol	7.181	79	329130	80.108	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.310	45	567252	72.186	ng	96
17) 2-Methylphenol	7.292	107	456285	73.337	ng	97
18) Hexachloroethane	7.551	117	227293	73.901	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	362216	71.793	ng	99
20) 3+4-Methylphenols	7.445	107	544451	69.612	ng	88
22) Acetophenone	7.451	105	743371	72.371	ng	# 97
24) Nitrobenzene	7.628	77	590569	75.836	ng	98
25) Isophorone	7.863	82	1017712	75.392	ng	99
26) 2-Nitrophenol	7.939	139	323873	77.811	ng	99
27) 2,4-Dimethylphenol	7.969	122	385015	77.276	ng	97
28) bis(2-Chloroethoxy)met...	8.063	93	605897	73.345	ng	99
29) 2,4-Dichlorophenol	8.181	162	499578	74.710	ng	98
30) 1,2,4-Trichlorobenzene	8.263	180	544594	73.488	ng	98
31) Naphthalene	8.351	128	1661735	70.839	ng	100
32) Benzoic acid	8.128	122	338016	79.962	ng	97
33) 4-Chloroaniline	8.416	127	601464m	76.059	ng	
34) Hexachlorobutadiene	8.451	225	355383	74.244	ng	97
35) Caprolactam	8.804	113	151388m	76.977	ng	
36) 4-Chloro-3-methylphenol	8.880	107	502843	75.012	ng	97
37) 2-Methylnaphthalene	9.039	142	1090477	70.654	ng	100
38) 1-Methylnaphthalene	9.139	142	1054607	70.215	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	531428	74.771	ng	99
41) Hexachlorocyclopentadiene	9.186	237	207558	83.715	ng	98
43) 2,4,6-Trichlorophenol	9.316	196	357614	75.853	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	394162	76.678	ng	98
46) 1,1'-Biphenyl	9.510	154	1307993	72.628	ng	99
47) 2-Chloronaphthalene	9.533	162	1063959	73.660	ng	98
48) 2-Nitroaniline	9.633	65	278286	76.941	ng	97
49) Acenaphthylene	9.951	152	1498982	72.516	ng	99
50) Dimethylphthalate	9.810	163	1243770	74.960	ng	99
51) 2,6-Dinitrotoluene	9.875	165	286791	75.289	ng	95
52) Acenaphthene	10.127	154	959566	73.296	ng	100
53) 3-Nitroaniline	10.051	138	278787	76.889	ng	98
54) 2,4-Dinitrophenol	10.151	184	166303	89.795	ng	97
55) Dibenzofuran	10.298	168	1426530	70.967	ng	98
56) 4-Nitrophenol	10.210	139	209866	86.843	ng	93
57) 2,4-Dinitrotoluene	10.280	165	381086	75.865	ng	95
58) Fluorene	10.645	166	1141279	70.470	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.416	232	309954	76.476	ng	99
60) Diethylphthalate	10.504	149	1154323	73.247	ng	99
61) 4-Chlorophenyl-phenyle...	10.627	204	585148	71.552	ng	93
62) 4-Nitroaniline	10.669	138	207181	62.939	ng	97
63) Azobenzene	10.792	77	985103	72.743	ng	97
65) 4,6-Dinitro-2-methylph...	10.692	198	219189	82.710	ng	90
66) n-Nitrosodiphenylamine	10.751	169	968736	73.684	ng	100
67) 4-Bromophenyl-phenylether	11.121	248	377505	76.206	ng	96
68) Hexachlorobenzene	11.192	284	409803	74.448	ng	96
69) Atrazine	11.274	200	280317	77.228	ng	99
70) Pentachlorophenol	11.386	266	242654	85.152	ng	98
71) Phenanthrene	11.616	178	1515669	71.297	ng	100
72) Anthracene	11.663	178	1520983	71.740	ng	99
73) Carbazole	11.821	167	1387924	70.459	ng	100
74) Di-n-butylphthalate	12.133	149	1654703	70.387	ng	100
75) Fluoranthene	12.804	202	1501103	66.923	ng	99
78) Pyrene	13.039	202	1485755	74.950	ng	100
80) Butylbenzylphthalate	13.639	149	536579	74.556	ng	99
81) Benzo(a)anthracene	14.227	228	1148707	75.377	ng	98
82) 3,3'-Dichlorobenzidine	14.180	252	251845	61.691	ng	97
83) Chrysene	14.268	228	1085181	75.416	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	716454	73.173	ng	99
85) Di-n-octyl phthalate	14.815	149	1122063	78.197	ng	99
87) Indeno(1,2,3-cd)pyrene	17.451	276	1263029	86.134	ng	100
88) Benzo(b)fluoranthene	15.333	252	1118935	74.658	ng	100
89) Benzo(k)fluoranthene	15.368	252	1028108	72.198	ng	99
90) Benzo(a)pyrene	15.739	252	960892	76.698	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	1024002	85.119	ng	98
92) Benzo(g,h,i)perylene	17.962	276	1056070	86.425	ng	99

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

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