

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
 Data File : BF138088.D
 Acq On : 31 May 2024 15:18
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Jun 01 01:11:20 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	7.034	152	119638	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	472508	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	274863	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	479428	20.000	ng	0.00
76) Chrysene-d12	14.233	240	314105	20.000	ng	# 0.00
86) Perylene-d12	15.804	264	259941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	288581	43.120	ng	0.00
7) Phenol-d6	6.651	99	367006	42.585	ng	-0.01
23) Nitrobenzene-d5	7.598	82	340366	41.975	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	134106	41.828	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	791430	42.681	ng	0.00
79) Terphenyl-d14	13.169	244	935031	43.059	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.946	88	59344	20.424	ng	99
3) Pyridine	3.722	79	137260	21.372	ng	99
4) n-Nitrosodimethylamine	3.675	42	58098	20.602	ng	95
6) Aniline	6.698	93	90206	22.852	ng	98
8) 2-Chlorophenol	6.822	128	164868	21.474	ng	94
9) Benzaldehyde	6.587	77	94130	24.570	ng	94
10) Phenol	6.669	94	182557	21.357	ng	96
11) bis(2-Chloroethyl)ether	6.763	93	152074	21.533	ng	98
12) 1,3-Dichlorobenzene	6.975	146	190461	21.349	ng	98
13) 1,4-Dichlorobenzene	7.051	146	190761	21.270	ng	99
14) 1,2-Dichlorobenzene	7.204	146	181341	21.369	ng	99
15) Benzyl Alcohol	7.169	79	61868	19.334	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	166083	21.337	ng	99
17) 2-Methylphenol	7.281	107	129740	21.052	ng	97
18) Hexachloroethane	7.545	117	64743	21.252	ng	92
19) n-Nitroso-di-n-propyla...	7.434	70	107100	21.431	ng	98
20) 3+4-Methylphenols	7.434	107	167263	21.590	ng	# 69
22) Acetophenone	7.439	105	225608	21.193	ng	99
24) Nitrobenzene	7.616	77	166633	20.646	ng	99
25) Isophorone	7.851	82	294699	21.065	ng	100
26) 2-Nitrophenol	7.934	139	91172	21.135	ng	95
27) 2,4-Dimethylphenol	7.963	122	112126	21.715	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	181393	21.187	ng	98
29) 2,4-Dichlorophenol	8.181	162	147602	21.298	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	160634	20.915	ng	98
31) Naphthalene	8.339	128	517056	21.268	ng	99
32) Benzoic acid	8.057	122	52506m	18.757	ng	
33) 4-Chloroaniline	8.439	127	174487	21.290	ng	97
34) Hexachlorobutadiene	8.451	225	105064	21.179	ng	98
35) Caprolactam	8.751	113	44006	21.590	ng	98
36) 4-Chloro-3-methylphenol	8.869	107	148588	21.388	ng	99
37) 2-Methylnaphthalene	9.033	142	342777	21.430	ng	97
38) 1-Methylnaphthalene	9.133	142	337521	21.683	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	163452	20.950	ng	99
41) Hexachlorocyclopentadiene	9.181	237	56463	20.746	ng	97
43) 2,4,6-Trichlorophenol	9.310	196	108478	20.961	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	115477	20.464	ng	98
46) 1,1'-Biphenyl	9.498	154	415555	21.020	ng	99
47) 2-Chloronaphthalene	9.528	162	334329	21.086	ng	99
48) 2-Nitroaniline	9.622	65	83067	20.922	ng	99
49) Acenaphthylene	9.945	152	480050	21.156	ng	100
50) Dimethylphthalate	9.792	163	380313	20.880	ng	99
51) 2,6-Dinitrotoluene	9.863	165	87727	20.980	ng	99
52) Acenaphthene	10.116	154	301924m	21.009	ng	
53) 3-Nitroaniline	10.039	138	83846	21.066	ng	99
54) 2,4-Dinitrophenol	10.139	184	38130	18.755	ng	93
55) Dibenzofuran	10.292	168	471085	21.349	ng	97
56) 4-Nitrophenol	10.198	139	55651	20.978	ng	96
57) 2,4-Dinitrotoluene	10.269	165	117162	21.248	ng	98
58) Fluorene	10.633	166	381746	21.473	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.410	232	92673	20.830	ng	97
60) Diethylphthalate	10.492	149	364885	21.092	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	191405	21.321	ng	96
62) 4-Nitroaniline	10.651	138	83320	23.058	ng	98
63) Azobenzene	10.780	77	314696	21.169	ng	99
65) 4,6-Dinitro-2-methylph...	10.675	198	63451	21.106	ng	96
66) n-Nitrosodiphenylamine	10.739	169	313352	21.011	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	116618	20.752	ng	93
68) Hexachlorobenzene	11.186	284	131123	20.999	ng	# 91
69) Atrazine	11.269	200	87374	21.220	ng	98
70) Pentachlorophenol	11.380	266	66856	20.681	ng	96
71) Phenanthrene	11.604	178	509506	21.128	ng	99
72) Anthracene	11.657	178	515190	21.421	ng	99
73) Carbazole	11.816	167	479073	21.439	ng	99
74) Di-n-butylphthalate	12.127	149	570598	21.396	ng	100
75) Fluoranthene	12.798	202	554802	21.804	ng	99
77) Benzidine	12.933	184	82271m	22.041	ng	
78) Pyrene	13.033	202	569724	21.351	ng	99
80) Butylbenzylphthalate	13.639	149	207616	21.430	ng	97
81) Benzo(a)anthracene	14.221	228	429364	20.930	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	123172	22.414	ng	99
83) Chrysene	14.263	228	400324	20.668	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	283803	21.533	ng	99
85) Di-n-octyl phthalate	14.815	149	395712	20.487	ng	100
87) Indeno(1,2,3-cd)pyrene	17.439	276	314468	20.071	ng	99
88) Benzo(b)fluoranthene	15.327	252	341183	21.306	ng	99
89) Benzo(k)fluoranthene	15.362	252	317095	20.840	ng	98
90) Benzo(a)pyrene	15.733	252	283594	21.185	ng	99
91) Dibenzo(a,h)anthracene	17.456	278	260668	20.279	ng	98
92) Benzo(g,h,i)perylene	17.933	276	263438	20.177	ng	98

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

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