

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139165.D
 Acq On : 26 Aug 2024 16:03
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 02:34:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	94673	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	365165	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	208856	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	364188	20.000	ng	0.00
76) Chrysene-d12	14.045	240	219563	20.000	ng	0.00
86) Perylene-d12	15.521	264	137213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	50952	9.044	ng	0.00
7) Phenol-d6	6.504	99	78667	10.174	ng	-0.02
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	9.245	172	150737	11.211	ng	0.00
79) Terphenyl-d14	12.992	244	144783	10.289	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	14038	5.269	ng	98
3) Pyridine	3.434	79	36996	5.587	ng	98
4) n-Nitrosodimethylamine	3.369	42	20193	5.238	ng	# 91
6) Aniline	6.551	93	37832	5.219	ng	99
8) 2-Chlorophenol	6.669	128	22358	4.177	ng	99
9) Benzaldehyde	6.440	77	29610	6.118	ng	99
10) Phenol	6.522	94	38272m	4.836	ng	
11) bis(2-Chloroethyl)ether	6.622	93	33247	5.407	ng	98
12) 1,3-Dichlorobenzene	6.834	146	38984	5.523	ng	97
13) 1,4-Dichlorobenzene	6.910	146	39432	5.568	ng	97
14) 1,2-Dichlorobenzene	7.063	146	37078	5.565	ng	98
15) Benzyl Alcohol	7.028	79	26153	4.487	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	49043	5.502	ng	99
17) 2-Methylphenol	7.134	107	24334	4.987	ng	98
18) Hexachloroethane	7.404	117	9969	4.449	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	23394	5.058	ng	98
20) 3+4-Methylphenols	7.287	107	30642	4.923	ng	96
22) Acetophenone	7.292	105	49558	5.282	ng	99
24) Nitrobenzene	7.469	77	18614	5.515	ng	96
25) Isophorone	7.704	82	66593	5.109	ng	98
26) 2-Nitrophenol	7.787	139	3615	6.598	ng	87
27) 2,4-Dimethylphenol	7.822	122	16711	4.325	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	38682	5.126	ng	99
29) 2,4-Dichlorophenol	8.022	162	16731	3.509	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	32430	5.274	ng	100
31) Naphthalene	8.192	128	99834	5.347	ng	99
33) 4-Chloroaniline	8.239	127	32721	5.085	ng	97
34) Hexachlorobutadiene	8.310	225	20446	5.116	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	22887	4.185	ng	99
37) 2-Methylnaphthalene	8.886	142	61613	5.264	ng	98
38) 1-Methylnaphthalene	8.981	142	60942	5.327	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	32733	5.284	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	11013	3.179	ng	96
44) 2,4,5-Trichlorophenol	9.192	196	12092	3.330	ng	99
46) 1,1'-Biphenyl	9.345	154	81122	5.366	ng	98
47) 2-Chloronaphthalene	9.369	162	64873	5.379	ng	98

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48) 2-Nitroaniline	9.463	65	5508	7.143	ng	91
49) Acenaphthylene	9.786	152	89232	5.251	ng	99
50) Dimethylphthalate	9.639	163	51547	4.272	ng	99
51) 2,6-Dinitrotoluene	9.704	165	3639	6.532	ng	83
52) Acenaphthene	9.957	154	58174	5.211	ng	99
53) 3-Nitroaniline	9.869	138	4560	6.009	ng	# 92
55) Dibenzofuran	10.128	168	87432	5.366	ng	99
57) 2,4-Dinitrotoluene	10.104	165	4452	7.120	ng	# 90
58) Fluorene	10.475	166	69485	5.406	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	9661	3.320	ng	# 99
60) Diethylphthalate	10.339	149	47235	4.158	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	34647	5.492	ng	95
62) 4-Nitroaniline	10.475	138	5573	4.876	ng	94
63) Azobenzene	10.622	77	71472	5.175	ng	99
66) n-Nitrosodiphenylamine	10.580	169	56758	5.262	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	20619	5.328	ng	93
68) Hexachlorobenzene	11.016	284	22190	5.299	ng	98
69) Atrazine	11.104	200	10317	4.385	ng	96
71) Phenanthrene	11.433	178	98914	5.375	ng	100
72) Anthracene	11.486	178	95646	5.332	ng	99
73) Carbazole	11.639	167	86045	5.362	ng	99
74) Di-n-butylphthalate	11.974	149	50416	3.625	ng	100
75) Fluoranthene	12.621	202	97994	5.487	ng	99
77) Benzidine	12.745	184	15424	4.163	ng	98
78) Pyrene	12.851	202	102729	4.981	ng	99
80) Butylbenzylphthalate	13.474	149	7600	6.103	ng	95
81) Benzo(a)anthracene	14.039	228	75663	5.201	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	11157	3.294	ng	# 98
83) Chrysene	14.074	228	65140	4.964	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	8410	5.264	ng	95
87) Indeno(1,2,3-cd)pyrene	16.992	276	45647	4.865	ng	99
88) Benzo(b)fluoranthene	15.086	252	39808	4.960	ng	98
89) Benzo(k)fluoranthene	15.115	252	41451	5.712	ng	99
90) Benzo(a)pyrene	15.457	252	32638	4.791	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	37802	4.916	ng	100
92) Benzo(g,h,i)perylene	17.433	276	38982	4.901	ng	99

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

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