

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100124\
 Data File : BF139591.D
 Acq On : 01 Oct 2024 17:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 04:41:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112482	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	422601	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	237106	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	428151	20.000	ng	0.00
76) Chrysene-d12	14.039	240	207859	20.000	ng	0.00
86) Perylene-d12	15.504	264	212442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	960761	139.341	ng	0.00
7) Phenol-d6	6.516	99	1299897	143.632	ng	0.01
23) Nitrobenzene-d5	7.445	82	1261141	140.293	ng	0.01
42) 2,4,6-Tribromophenol	10.704	330	335222	132.799	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2145948	126.936	ng	0.00
79) Terphenyl-d14	12.980	244	1906831	150.576	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	213396	77.141	ng	99
3) Pyridine	3.398	79	500243	82.019	ng	99
4) n-Nitrosodimethylamine	3.375	42	351841	66.556	ng	98
8) 2-Chlorophenol	6.663	128	512549	72.215	ng	98
9) Benzaldehyde	6.422	77	275316	52.654	ng	99
10) Phenol	6.534	94	658861	71.479	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	717497	102.415	ng	100
12) 1,3-Dichlorobenzene	6.816	146	569666	70.574	ng	99
13) 1,4-Dichlorobenzene	6.892	146	571944	70.117	ng	99
14) 1,2-Dichlorobenzene	7.045	146	528748	68.601	ng	99
15) Benzyl Alcohol	7.022	79	496482	68.761	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	933473	86.458	ng	79
17) 2-Methylphenol	7.134	107	437473	77.579	ng	97
18) Hexachloroethane	7.381	117	220030	70.820	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	416727	77.704	ng	99
20) 3+4-Methylphenols	7.292	107	519410	67.513	ng	95
22) Acetophenone	7.286	105	737765	66.778	ng	# 98
24) Nitrobenzene	7.463	77	668652	72.272	ng	99
25) Isophorone	7.698	82	1135763	79.889	ng	99
26) 2-Nitrophenol	7.775	139	291260	80.804	ng	98
27) 2,4-Dimethylphenol	7.810	122	348726m	73.344	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	656959	81.081	ng	99
29) 2,4-Dichlorophenol	8.016	162	440430	72.916	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	498056	70.768	ng	99
31) Naphthalene	8.181	128	1560737	70.742	ng	100
32) Benzoic acid	7.975	122	404875	90.992	ng	96
33) 4-Chloroaniline	8.245	127	524564	77.720	ng	99
34) Hexachlorobutadiene	8.292	225	319231	66.764	ng	99
35) Caprolactam	8.628	113	145512m	78.314	ng	
36) 4-Chloro-3-methylphenol	8.716	107	506172	73.325	ng	99
37) 2-Methylnaphthalene	8.869	142	1003622	71.669	ng	99
38) 1-Methylnaphthalene	8.969	142	981912	71.421	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	480823	68.424	ng	100
41) Hexachlorocyclopentadiene	9.016	237	174431	71.093	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	333572	72.963	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	358918	74.426	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1265584	69.380	ng	99
47) 2-Chloronaphthalene	9.357	162	969800	71.105	ng	99
48) 2-Nitroaniline	9.457	65	374425	73.808	ng	98
49) Acenaphthylene	9.775	152	1431863	69.743	ng	99
50) Dimethylphthalate	9.639	163	1153586	74.127	ng	100
51) 2,6-Dinitrotoluene	9.704	165	262758	76.216	ng	97
52) Acenaphthene	9.945	154	1009037	70.420	ng	100
53) 3-Nitroaniline	9.875	138	263885	76.591	ng	98
54) 2,4-Dinitrophenol	9.980	184	164467	85.614	ng	99
55) Dibenzofuran	10.116	168	1344630	67.327	ng	98
56) 4-Nitrophenol	10.033	139	207189	72.675	ng	100
57) 2,4-Dinitrotoluene	10.110	165	330141	70.930	ng	# 89
58) Fluorene	10.463	166	1073386	65.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	283229	70.998	ng	100
60) Diethylphthalate	10.333	149	1153048	71.798	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	534565	67.502	ng	99
62) 4-Nitroaniline	10.492	138	265406	70.582	ng	98
63) Azobenzene	10.610	77	1178747	74.625	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	201095	88.991	ng	98
66) n-Nitrosodiphenylamine	10.575	169	935788	74.757	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	326534	76.961	ng	99
68) Hexachlorobenzene	11.010	284	362713	72.841	ng	98
70) Pentachlorophenol	11.198	266	229802	76.910	ng	99
71) Phenanthrene	11.422	178	1435503	69.494	ng	99
72) Anthracene	11.474	178	1426124	70.613	ng	100
73) Carbazole	11.627	167	1325153	68.555	ng	99
74) Di-n-butylphthalate	11.957	149	1667088	77.421	ng	100
75) Fluoranthene	12.610	202	1474432	66.839	ng	100
77) Benzidine	12.733	184	307175	103.148	ng	100
78) Pyrene	12.839	202	1457393	81.658	ng	99
80) Butylbenzylphthalate	13.451	149	527522	86.836	ng	98
81) Benzo(a)anthracene	14.027	228	1017263	73.883	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	318495	78.989	ng	97
83) Chrysene	14.063	228	928486	73.299	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	684589	88.584	ng	100
85) Di-n-octyl phthalate	14.621	149	1096573	96.349	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1064640	84.278	ng	100
88) Benzo(b)fluoranthene	15.080	252	960377	73.300	ng	99
89) Benzo(k)fluoranthene	15.110	252	870681	72.074	ng	100
90) Benzo(a)pyrene	15.445	252	826762	76.086	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	872301	83.566	ng	99
92) Benzo(g,h,i)perylene	17.445	276	902553	87.326	ng	100

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

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