

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134682.D
 Acq On : 09 Aug 2023 10:30
 Operator : CG\JU
 Sample : 03781-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 01:36:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	197172	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	781999	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	399436	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	662804	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	335577	20.000	ng	0.02
86) Perylene-d12	15.468	264	437414	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1102755	85.017	ng	0.01
7) Phenol-d6	6.445	99	1538678	92.798	ng	0.00
23) Nitrobenzene-d5	7.369	82	931909	74.473	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	370063	90.883	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1663260	69.235	ng	0.00
79) Terphenyl-d14	12.927	244	1447710	76.052	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	205802	34.485	ng	# 94
3) Pyridine	3.346	79	533709	33.003	ng	91
4) n-Nitrosodimethylamine	3.310	42	298819	38.673	ng	# 60
6) Aniline	6.481	93	637662	29.320	ng	91
8) 2-Chlorophenol	6.592	128	614165	46.938	ng	95
9) Benzaldehyde	6.357	77	320820	40.374	ng	97
10) Phenol	6.463	94	720514m	44.096	ng	
11) bis(2-Chloroethyl)ether	6.545	93	587473	45.259	ng	93
12) 1,3-Dichlorobenzene	6.745	146	611108	45.141	ng	96
13) 1,4-Dichlorobenzene	6.822	146	618130	45.559	ng	98
14) 1,2-Dichlorobenzene	6.975	146	593607	46.956	ng	96
15) Benzyl Alcohol	6.951	79	514333	44.964	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	910185	44.758	ng	89
17) 2-Methylphenol	7.063	107	482007	41.687	ng	91
18) Hexachloroethane	7.310	117	222121	46.646	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	389592	39.244	ng	91
20) 3+4-Methylphenols	7.216	107	545762	39.139	ng	# 85
22) Acetophenone	7.216	105	735298	40.730	ng	# 94
24) Nitrobenzene	7.386	77	624361	46.184	ng	97
25) Isophorone	7.628	82	1174120	43.019	ng	99
26) 2-Nitrophenol	7.704	139	315951	54.231	ng	# 84
27) 2,4-Dimethylphenol	7.739	122	488370	40.103	ng	87
28) bis(2-Chloroethoxy)met...	7.839	93	721577	44.196	ng	99
29) 2,4-Dichlorophenol	7.945	162	506806	45.853	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	538163	45.660	ng	97
31) Naphthalene	8.104	128	1652869	42.056	ng	98
32) Benzoic acid	7.881	122	403669	50.353	ng	91
33) 4-Chloroaniline	8.157	127	351238	20.057	ng	97
34) Hexachlorobutadiene	8.222	225	311865	45.872	ng	96
35) Caprolactam	8.533	113	175185m	49.127	ng	
36) 4-Chloro-3-methylphenol	8.645	107	533852	45.607	ng	91
37) 2-Methylnaphthalene	8.798	142	1068155	41.003	ng	99
38) 1-Methylnaphthalene	8.898	142	1025849	42.348	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	524983	45.198	ng	98
41) Hexachlorocyclopentadiene	8.945	237	403640	71.461	ng	92
43) 2,4,6-Trichlorophenol	9.075	196	363514	47.820	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	384122	44.212	ng	94
46) 1,1'-Biphenyl	9.263	154	1349533	43.447	ng	98
47) 2-Chloronaphthalene	9.286	162	1033702	44.414	ng	99
48) 2-Nitroaniline	9.386	65	347830	47.941	ng	92
49) Acenaphthylene	9.704	152	1550431	42.379	ng	99
50) Dimethylphthalate	9.569	163	1255279	46.109	ng	97
51) 2,6-Dinitrotoluene	9.633	165	280308	50.135	ng	# 77
52) Acenaphthene	9.875	154	1104265m	46.577	ng	
53) 3-Nitroaniline	9.798	138	250474	41.278	ng	97
54) 2,4-Dinitrophenol	9.910	184	240601	98.728	ng	85
55) Dibenzofuran	10.051	168	1397698	41.413	ng	94
56) 4-Nitrophenol	9.969	139	466533	94.004	ng	# 75
57) 2,4-Dinitrotoluene	10.039	165	347721	51.397	ng	# 85
58) Fluorene	10.392	166	1012085	41.170	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	325475	47.352	ng	96
60) Diethylphthalate	10.269	149	1184073	45.886	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	523438	43.319	ng	92
62) 4-Nitroaniline	10.416	138	276008	46.407	ng	84
63) Azobenzene	10.545	77	1125602	40.599	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	162325	58.311	ng	85
66) n-Nitrosodiphenylamine	10.504	169	979021	46.407	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	346377	47.739	ng	98
68) Hexachlorobenzene	10.939	284	373182	48.707	ng	96
69) Atrazine	11.039	200	337634	59.378	ng	98
70) Pentachlorophenol	11.133	266	362818	76.481	ng	95
71) Phenanthrene	11.357	178	1473081	41.842	ng	100
72) Anthracene	11.410	178	1496774	41.623	ng	99
73) Carbazole	11.563	167	1325853	41.293	ng	100
74) Di-n-butylphthalate	11.898	149	1589544	46.598	ng	98
75) Fluoranthene	12.551	202	1321406	35.533	ng	97
77) Benzidine	12.669	184	258047	35.423	ng	97
78) Pyrene	12.780	202	1274654	43.896	ng	97
80) Butylbenzylphthalate	13.410	149	444753	45.295	ng	# 95
81) Benzo(a)anthracene	13.980	228	976919	40.713	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	302433	43.482	ng	# 97
83) Chrysene	14.015	228	982458	42.025	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	540424	46.769	ng	97
85) Di-n-octyl phthalate	14.592	149	1120586	63.772	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.974	276	1150225	44.712	ng	# 91
88) Benzo(b)fluoranthene	15.039	252	1187335	44.507	ng	# 96
89) Benzo(k)fluoranthene	15.068	252	1105322	41.592	ng	# 97
90) Benzo(a)pyrene	15.410	252	1041672	41.879	ng	# 94
91) Dibenzo(a,h)anthracene	16.992	278	951922	45.787	ng	# 93
92) Benzo(g,h,i)perylene	17.427	276	869952	41.021	ng	# 91

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

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