

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044743.D
 Acq On : 22 Mar 2024 20:16
 Operator : MA/JU
 Sample : PB159737BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159737BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 23 02:16:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	195295	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	739047	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	391511	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	708062	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	616039	20.000	ng	-0.02
86) Perylene-d12	23.521	264	698149	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1861845	136.880	ng	0.00
7) Phenol-d6	6.875	99	2222782	127.023	ng	0.00
23) Nitrobenzene-d5	8.851	82	1368023	89.176	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	610053	141.274	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2551247	89.745	ng	-0.02
79) Terphenyl-d14	19.727	244	3232769	91.800	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	217005	37.956	ng	96
3) Pyridine	3.681	79	557204	35.242	ng	97
4) n-Nitrosodimethylamine	3.610	42	297153	46.898	ng	92
6) Aniline	7.034	93	452849	21.850	ng	99
8) 2-Chlorophenol	7.257	128	637934	47.086	ng	99
9) Benzaldehyde	6.851	77	171615	18.725	ng	98
10) Phenol	6.898	94	792908	45.370	ng	96
11) bis(2-Chloroethyl)ether	7.134	93	632245	44.309	ng	100
12) 1,3-Dichlorobenzene	7.575	146	690852	47.424	ng	99
13) 1,4-Dichlorobenzene	7.722	146	700523	47.713	ng	99
14) 1,2-Dichlorobenzene	8.034	146	670196	47.866	ng	100
15) Benzyl Alcohol	7.939	79	516194	44.868	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.204	45	918813	46.444	ng	98
17) 2-Methylphenol	8.134	107	502261	42.140	ng	99
18) Hexachloroethane	8.745	117	270897	49.909	ng	99
19) n-Nitroso-di-n-propyla...	8.498	70	414661	38.801	ng	94
20) 3+4-Methylphenols	8.457	107	679355	42.237	ng	96
22) Acetophenone	8.516	105	904566	46.589	ng	# 98
24) Nitrobenzene	8.892	77	683084	45.045	ng	99
25) Isophorone	9.410	82	1202914	45.447	ng	99
26) 2-Nitrophenol	9.592	139	320760	49.019	ng	98
27) 2,4-Dimethylphenol	9.651	122	414919	36.057	ng	98
28) bis(2-Chloroethoxy)met...	9.892	93	764114	43.473	ng	99
29) 2,4-Dichlorophenol	10.116	162	521677	47.566	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	558892	47.901	ng	99
31) Naphthalene	10.516	128	1830648	45.135	ng	100
32) Benzoic acid	9.804	122	338582	37.707	ng	99
33) 4-Chloroaniline	10.639	127	334932	19.684	ng	98
34) Hexachlorobutadiene	10.780	225	316883	48.711	ng	98
35) Caprolactam	11.445	113	155293m	43.895	ng	
36) 4-Chloro-3-methylphenol	11.763	107	531906	44.197	ng	100
37) 2-Methylnaphthalene	12.133	142	1169186	42.471	ng	98
38) 1-Methylnaphthalene	12.351	142	1088261	42.416	ng	99
40) 1,2,4,5-Tetrachloroben...	12.498	216	548709	49.388	ng	99
41) Hexachlorocyclopentadiene	12.469	237	697867	110.259	ng	100
43) 2,4,6-Trichlorophenol	12.751	196	370784	49.424	ng	98

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44) 2,4,5-Trichlorophenol	12.821	196	393501	44.267	ng	99
46) 1,1'-Biphenyl	13.157	154	1427446	46.617	ng	99
47) 2-Chloronaphthalene	13.198	162	1095606	48.386	ng	100
48) 2-Nitroaniline	13.421	65	357169	46.489	ng	98
49) Acenaphthylene	14.051	152	1780742	48.277	ng	100
50) Dimethylphthalate	13.804	163	1288842	44.012	ng	100
51) 2,6-Dinitrotoluene	13.927	165	276546	45.349	ng	99
52) Acenaphthene	14.392	154	995687	44.654	ng	99
53) 3-Nitroaniline	14.257	138	194402	27.224	ng	97
54) 2,4-Dinitrophenol	14.468	184	330128	82.588	ng	94
55) Dibenzofuran	14.733	168	1570262	44.372	ng	99
56) 4-Nitrophenol	14.568	139	530342	90.431	ng	95
57) 2,4-Dinitrotoluene	14.715	165	379995	47.689	ng	92
58) Fluorene	15.386	166	1247235	45.257	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	314515	45.571	ng	99
60) Diethylphthalate	15.174	149	1311190	44.231	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	595109	44.982	ng	99
62) 4-Nitroaniline	15.427	138	307853m	43.159	ng	
63) Azobenzene	15.680	77	1399093	45.658	ng	98
65) 4,6-Dinitro-2-methylph...	15.474	198	209400	47.157	ng	95
66) n-Nitrosodiphenylamine	15.604	169	1049531	47.560	ng	99
67) 4-Bromophenyl-phenylether	16.280	248	347884	47.500	ng	97
68) Hexachlorobenzene	16.380	284	398864	51.233	ng	97
69) Atrazine	16.568	200	339470	49.230	ng	99
70) Pentachlorophenol	16.733	266	553950	98.919	ng	98
71) Phenanthrene	17.127	178	1833636	46.861	ng	100
72) Anthracene	17.221	178	1855808	47.289	ng	100
73) Carbazole	17.498	167	1760388	47.627	ng	99
74) Di-n-butylphthalate	18.068	149	2231650	46.857	ng	99
75) Fluoranthene	19.150	202	1987656	45.442	ng	99
77) Benzidine	19.350	184	749086	47.048	ng	99
78) Pyrene	19.515	202	2135640	47.300	ng	100
80) Butylbenzylphthalate	20.433	149	961306	47.242	ng	98
81) Benzo(a)anthracene	21.268	228	2028007	47.313	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	550014	37.257	ng	98
83) Chrysene	21.321	228	1903957	46.484	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1454745	47.454	ng	98
85) Di-n-octyl phthalate	22.103	149	2504762	47.104	ng	100
87) Indeno(1,2,3-cd)pyrene	25.785	276	2438304	48.312	ng	98
88) Benzo(b)fluoranthene	22.856	252	2009650	48.982	ng	99
89) Benzo(k)fluoranthene	22.897	252	2048485	48.568	ng	100
90) Benzo(a)pyrene	23.427	252	1908901	47.702	ng	99
91) Dibenzo(a,h)anthracene	25.803	278	2016808	47.400	ng	98
92) Benzo(g,h,i)perylene	26.479	276	1896471	45.279	ng	98

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

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