

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044741.D
 Acq On : 22 Mar 2024 19:03
 Operator : MA/JU
 Sample : PB159703BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159703BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 02:16:12 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	198456	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	747386	20.000	ng	-0.02
39) Acenaphthene-d10	14.328	164	393974	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	723390	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	624155	20.000	ng	-0.02
86) Perylene-d12	23.527	264	708359	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	1866281	135.021	ng	0.00
7) Phenol-d6	6.875	99	2236169	125.752	ng	0.00
23) Nitrobenzene-d5	8.851	82	1375820	88.684	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	613596	141.206	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2583529	90.313	ng	-0.02
79) Terphenyl-d14	19.727	244	3239332	90.790	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	218850	37.669	ng	96
3) Pyridine	3.681	79	562377	35.003	ng	96
4) n-Nitrosodimethylamine	3.611	42	303104	47.075	ng	90
6) Aniline	7.034	93	459863	21.835	ng	98
8) 2-Chlorophenol	7.257	128	643317	46.727	ng	99
9) Benzaldehyde	6.852	77	173461	18.625	ng	98
10) Phenol	6.899	94	801662	45.140	ng	95
11) bis(2-Chloroethyl)ether	7.134	93	638938	44.065	ng	98
12) 1,3-Dichlorobenzene	7.575	146	701724	47.403	ng	99
13) 1,4-Dichlorobenzene	7.722	146	712996	47.789	ng	100
14) 1,2-Dichlorobenzene	8.034	146	675844	47.500	ng	100
15) Benzyl Alcohol	7.934	79	528246	45.185	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.204	45	928585	46.190	ng	99
17) 2-Methylphenol	8.134	107	503108	41.539	ng	98
18) Hexachloroethane	8.746	117	273900	49.659	ng	100
19) n-Nitroso-di-n-propyla...	8.499	70	417098	38.408	ng	97
20) 3+4-Methylphenols	8.457	107	690155	42.225	ng	96
22) Acetophenone	8.516	105	913380	46.518	ng	# 97
24) Nitrobenzene	8.893	77	694560	45.291	ng	100
25) Isophorone	9.410	82	1218651	45.528	ng	99
26) 2-Nitrophenol	9.593	139	324545	49.044	ng	98
27) 2,4-Dimethylphenol	9.651	122	420980	36.175	ng	100
28) bis(2-Chloroethoxy)met...	9.898	93	784921	44.159	ng	100
29) 2,4-Dichlorophenol	10.116	162	526291	47.451	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	566409	48.004	ng	98
31) Naphthalene	10.516	128	1850898	45.125	ng	99
32) Benzoic acid	9.804	122	351654	38.628	ng	93
33) 4-Chloroaniline	10.640	127	343587	19.967	ng	99
34) Hexachlorobutadiene	10.781	225	319481	48.562	ng	99
35) Caprolactam	11.445	113	157361m	43.983	ng	
36) 4-Chloro-3-methylphenol	11.763	107	539345	44.315	ng	99
37) 2-Methylnaphthalene	12.134	142	1175156	42.212	ng	97
38) 1-Methylnaphthalene	12.351	142	1094786	42.195	ng	99
40) 1,2,4,5-Tetrachloroben...	12.498	216	549443	49.145	ng	99
41) Hexachlorocyclopentadiene	12.469	237	705854	110.824	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	369608	48.960	ng	98

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44) 2,4,5-Trichlorophenol	12.822	196	397479	44.435	ng	98
46) 1,1'-Biphenyl	13.157	154	1441538	46.783	ng	99
47) 2-Chloronaphthalene	13.198	162	1102334	48.379	ng	99
48) 2-Nitroaniline	13.422	65	360511	46.631	ng	99
49) Acenaphthylene	14.051	152	1797143	48.417	ng	100
50) Dimethylphthalate	13.804	163	1300799	44.142	ng	99
51) 2,6-Dinitrotoluene	13.928	165	276753	45.099	ng	97
52) Acenaphthene	14.392	154	1005862	44.828	ng	100
53) 3-Nitroaniline	14.257	138	196985	27.414	ng	100
54) 2,4-Dinitrophenol	14.469	184	330545	82.198	ng	97
55) Dibenzofuran	14.733	168	1586488	44.550	ng	98
56) 4-Nitrophenol	14.569	139	533340	90.373	ng	95
57) 2,4-Dinitrotoluene	14.716	165	386252	48.172	ng	94
58) Fluorene	15.386	166	1249898	45.070	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	319437	45.995	ng	99
60) Diethylphthalate	15.175	149	1319968	44.248	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	595149	44.703	ng	100
62) 4-Nitroaniline	15.427	138	311309m	43.370	ng	
63) Azobenzene	15.680	77	1418802	46.011	ng	97
65) 4,6-Dinitro-2-methylph...	15.475	198	213967	47.165	ng	97
66) n-Nitrosodiphenylamine	15.604	169	1056271	46.852	ng	99
67) 4-Bromophenyl-phenylether	16.280	248	351166	46.932	ng	97
68) Hexachlorobenzene	16.380	284	402216	50.569	ng	97
69) Atrazine	16.569	200	346179	49.139	ng	99
70) Pentachlorophenol	16.733	266	556629	97.291	ng	99
71) Phenanthrene	17.127	178	1851878	46.325	ng	100
72) Anthracene	17.221	178	1875153	46.769	ng	100
73) Carbazole	17.498	167	1782210	47.196	ng	100
74) Di-n-butylphthalate	18.068	149	2264929	46.548	ng	99
75) Fluoranthene	19.151	202	2024930	45.313	ng	99
77) Benzidine	19.351	184	781228	48.429	ng	99
78) Pyrene	19.515	202	2144482	46.878	ng	100
80) Butylbenzylphthalate	20.439	149	978986	47.485	ng	96
81) Benzo(a)anthracene	21.268	228	2046546	47.124	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	558856	37.364	ng	99
83) Chrysene	21.321	228	1941405	46.782	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1459276	46.983	ng	99
85) Di-n-octyl phthalate	22.104	149	2523583	46.841	ng	100
87) Indeno(1,2,3-cd)pyrene	25.792	276	2456667	47.974	ng	98
88) Benzo(b)fluoranthene	22.856	252	2096800	50.370	ng	99
89) Benzo(k)fluoranthene	22.903	252	1973532	46.116	ng	99
90) Benzo(a)pyrene	23.433	252	1922576	47.351	ng	98
91) Dibenzo(a,h)anthracene	25.809	278	2021482	46.825	ng	97
92) Benzo(g,h,i)perylene	26.480	276	1914517	45.051	ng	99

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

