

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058664.D
 Acq On : 9 Aug 2023 18:40
 Operator : MA/JU
 Sample : 03939-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MS

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 02:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	43778	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	189945	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	139885	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	338640	20.000	ng	0.00
76) Chrysene-d12	21.448	240	295702	20.000	ng	0.00
86) Perylene-d12	24.521	264	373524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	299741	104.651	ng	0.00
7) Phenol-d6	6.988	99	427292	107.212	ng	0.00
23) Nitrobenzene-d5	8.980	82	249629	64.561	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	216895	94.598	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	543196	58.193	ng	0.00
79) Terphenyl-d14	19.826	244	973064	61.882	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	52936	38.141	ng	100
3) Pyridine	3.663	79	132085	34.907	ng	95
4) n-Nitrosodimethylamine	3.581	42	71548	44.627	ng	91
6) Aniline	7.135	93	108174	22.045	ng	99
8) 2-Chlorophenol	7.376	128	145919	51.931	ng	98
9) Benzaldehyde	6.953	77	73377	33.887	ng	100
10) Phenol	7.012	94	204194	52.449	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	134948	43.968	ng	95
12) 1,3-Dichlorobenzene	7.699	146	138479	46.153	ng	99
13) 1,4-Dichlorobenzene	7.846	146	140097	46.503	ng	95
14) 1,2-Dichlorobenzene	8.163	146	135254	46.958	ng	97
15) Benzyl Alcohol	8.052	79	140894	55.745	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.346	45	238814	47.900	ng	98
17) 2-Methylphenol	8.263	107	139501	49.006	ng	99
18) Hexachloroethane	8.886	117	50222	45.864	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	116934	45.423	ng	98
20) 3+4-Methylphenols	8.592	107	192946	50.110	ng	97
22) Acetophenone	8.633	105	228904	45.007	ng	# 98
24) Nitrobenzene	9.021	77	172990	44.008	ng	96
25) Isophorone	9.538	82	344266	43.093	ng	99
26) 2-Nitrophenol	9.732	139	77651	45.381	ng	97
27) 2,4-Dimethylphenol	9.791	122	133565	47.059	ng	98
28) bis(2-Chloroethoxy)met...	10.026	93	197256	45.371	ng	98
29) 2,4-Dichlorophenol	10.267	162	148323	50.331	ng	99
30) 1,2,4-Trichlorobenzene	10.478	180	152815	44.965	ng	98
31) Naphthalene	10.666	128	435798	43.531	ng	100
32) Benzoic acid	9.955	122	86590	40.727	ng	98
33) 4-Chloroaniline	10.784	127	67739	16.015	ng	99
34) Hexachlorobutadiene	10.943	225	93221	42.593	ng	97
35) Caprolactam	11.565	113	50842m	46.720	ng	
36) 4-Chloro-3-methylphenol	11.912	107	180121	49.410	ng	95
37) 2-Methylnaphthalene	12.276	142	308220	43.040	ng	99
38) 1-Methylnaphthalene	12.500	142	297731	43.737	ng	98
40) 1,2,4,5-Tetrachloroben...	12.646	216	181145	42.180	ng	99
41) Hexachlorocyclopentadiene	12.623	237	146389	73.951	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	133709	45.265	ng	96

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44) 2,4,5-Trichlorophenol	12.970	196	145150	41.719	ng	98
46) 1,1'-Biphenyl	13.293	154	412454	42.934	ng	99
47) 2-Chloronaphthalene	13.334	162	332249	44.357	ng	99
48) 2-Nitroaniline	13.545	65	129512	45.300	ng	99
49) Acenaphthylene	14.180	152	555910	44.329	ng	100
50) Dimethylphthalate	13.921	163	448808	42.720	ng	99
51) 2,6-Dinitrotoluene	14.045	165	99356	43.102	ng	96
52) Acenaphthene	14.527	154	312220	43.088	ng	98
53) 3-Nitroaniline	14.374	138	51831	22.474	ng	93
54) 2,4-Dinitrophenol	14.585	184	81112	64.065	ng	98
55) Dibenzofuran	14.861	168	534658	42.940	ng	99
56) 4-Nitrophenol	14.697	139	151543	88.316	ng	98
57) 2,4-Dinitrotoluene	14.832	165	142589	44.618	ng	94
58) Fluorene	15.508	166	432209	43.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	133465	44.955	ng	99
60) Diethylphthalate	15.279	149	459897	42.970	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	237337	43.038	ng	97
62) 4-Nitroaniline	15.543	138	99767	45.665	ng	96
63) Azobenzene	15.796	77	456161	43.272	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	79922	42.803	ng	96
66) n-Nitrosodiphenylamine	15.719	169	382509	43.399	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	164108	42.726	ng	97
68) Hexachlorobenzene	16.512	284	185096	45.478	ng	100
69) Atrazine	16.665	200	157253	52.852	ng	99
70) Pentachlorophenol	16.859	266	173356	70.370	ng	98
71) Phenanthrene	17.247	178	698817	43.513	ng	99
72) Anthracene	17.341	178	708062	42.968	ng	100
73) Carbazole	17.611	167	659888	45.411	ng	100
74) Di-n-butylphthalate	18.163	149	813749	44.709	ng	100
75) Fluoranthene	19.262	202	838164	43.448	ng	100
77) Benzidine	19.450	184	214874	47.920	ng	98
78) Pyrene	19.626	202	870510	43.257	ng	99
80) Butylbenzylphthalate	20.514	149	357651	43.267	ng	99
81) Benzo(a)anthracene	21.430	228	889004	43.686	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	178957	26.009	ng	99
83) Chrysene	21.495	228	816108	41.827	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	529930	43.870	ng	99
85) Di-n-octyl phthalate	22.482	149	935895	44.068	ng	99
87) Indeno(1,2,3-cd)pyrene	28.017	276	1097047	44.148	ng	98
88) Benzo(b)fluoranthene	23.545	252	939436	46.371	ng	100
89) Benzo(k)fluoranthene	23.610	252	887026	43.584	ng	99
90) Benzo(a)pyrene	24.380	252	835575	41.998	ng	100
91) Dibenzo(a,h)anthracene	28.075	278	903992	43.996	ng	99
92) Benzo(g,h,i)perylene	29.109	276	865199	41.993	ng	99

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

