

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058600.D
 Acq On : 3 Aug 2023 19:47
 Operator : MA/JU
 Sample : 03741-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P24BMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 02:06:36 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	50877	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	222368	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	154192	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	350772	20.000	ng	0.00
76) Chrysene-d12	21.448	240	299549	20.000	ng	0.00
86) Perylene-d12	24.515	264	384156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	255564	76.777	ng	0.00
7) Phenol-d6	6.989	99	351793	75.952	ng	0.00
23) Nitrobenzene-d5	8.975	82	207909	45.931	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	169720	67.154	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	477201	46.379	ng	0.00
79) Terphenyl-d14	19.827	244	844576	53.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	70483	43.698	ng	99
3) Pyridine	3.663	79	173333	39.416	ng	97
4) n-Nitrosodimethylamine	3.581	42	91620	49.172	ng	100
6) Aniline	7.142	93	172029	30.167	ng	98
8) 2-Chlorophenol	7.377	128	191002	58.491	ng	98
9) Benzaldehyde	6.948	77	113107	44.947	ng	99
10) Phenol	7.012	94	260451	57.564	ng	98
11) bis(2-Chloroethyl)ether	7.236	93	185656	52.049	ng	97
12) 1,3-Dichlorobenzene	7.700	146	187358	53.731	ng	98
13) 1,4-Dichlorobenzene	7.847	146	189605	54.155	ng	96
14) 1,2-Dichlorobenzene	8.164	146	186336	55.666	ng	96
15) Benzyl Alcohol	8.052	79	174731	59.486	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	310096	53.519	ng	99
17) 2-Methylphenol	8.264	107	176497	53.351	ng	99
18) Hexachloroethane	8.887	117	70727	55.578	ng	90
19) n-Nitroso-di-n-propyla...	8.622	70	146765	49.056	ng	100
20) 3+4-Methylphenols	8.593	107	240334	53.707	ng	99
22) Acetophenone	8.634	105	291561	48.968	ng	# 98
24) Nitrobenzene	9.022	77	225114	48.918	ng	98
25) Isophorone	9.539	82	426089	45.558	ng	100
26) 2-Nitrophenol	9.733	139	101929	50.884	ng	96
27) 2,4-Dimethylphenol	9.791	122	162686	48.962	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	247415	48.610	ng	99
29) 2,4-Dichlorophenol	10.267	162	184944	53.608	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	202574	50.915	ng	97
31) Naphthalene	10.667	128	567108	48.388	ng	100
32) Benzoic acid	9.968	122	138596	54.008	ng	97
33) 4-Chloroaniline	10.779	127	110241	22.263	ng	98
34) Hexachlorobutadiene	10.943	225	126877	49.518	ng	98
35) Caprolactam	11.572	113	62229m	48.846	ng	
36) 4-Chloro-3-methylphenol	11.912	107	220594	51.689	ng	99
37) 2-Methylnaphthalene	12.277	142	388737	46.369	ng	98
38) 1-Methylnaphthalene	12.500	142	377116	47.321	ng	100
40) 1,2,4,5-Tetrachloroben...	12.647	216	234892	49.620	ng	100
41) Hexachlorocyclopentadiene	12.623	237	158181	72.628	ng	99
43) 2,4,6-Trichlorophenol	12.894	196	168931	51.883	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	182559	47.602	ng	99
46) 1,1'-Biphenyl	13.293	154	520059	49.112	ng	99
47) 2-Chloronaphthalene	13.334	162	417298	50.542	ng	100
48) 2-Nitroaniline	13.546	65	159700	50.676	ng	97
49) Acenaphthylene	14.186	152	684302	49.504	ng	100
50) Dimethylphthalate	13.922	163	534081	46.120	ng	100
51) 2,6-Dinitrotoluene	14.045	165	122969	48.396	ng	98
52) Acenaphthene	14.527	154	383656	48.033	ng	99
53) 3-Nitroaniline	14.374	138	85950	33.810	ng	98
54) 2,4-Dinitrophenol	14.592	184	112487	78.670	ng	96
55) Dibenzofuran	14.862	168	654711	47.703	ng	99
56) 4-Nitrophenol	14.697	139	188327	99.146	ng	96
57) 2,4-Dinitrotoluene	14.833	165	174972	49.671	ng	96
58) Fluorene	15.508	166	513893	47.133	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	165621	50.609	ng	97
60) Diethylphthalate	15.279	149	540047	45.777	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	286949	47.207	ng	97
62) 4-Nitroaniline	15.544	138	118118	49.049	ng	96
63) Azobenzene	15.796	77	545523	46.947	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	90930	47.014	ng	97
66) n-Nitrosodiphenylamine	15.720	169	455636	49.907	ng	98
67) 4-Bromophenyl-phenylether	16.395	248	197352	49.605	ng	99
68) Hexachlorobenzene	16.513	284	222948	52.883	ng	97
69) Atrazine	16.672	200	183123	59.418	ng	99
70) Pentachlorophenol	16.866	266	221371	86.752	ng	98
71) Phenanthrene	17.247	178	813616	48.909	ng	99
72) Anthracene	17.341	178	830541	48.658	ng	99
73) Carbazole	17.612	167	774598	51.462	ng	99
74) Di-n-butylphthalate	18.164	149	950380	50.409	ng	100
75) Fluoranthene	19.263	202	982385	49.163	ng	99
77) Benzidine	19.451	184	330479	72.755	ng	98
78) Pyrene	19.627	202	1011012	49.593	ng	99
80) Butylbenzylphthalate	20.514	149	428069	51.120	ng	100
81) Benzo(a)anthracene	21.431	228	1048459	50.860	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	265176	38.045	ng	97
83) Chrysene	21.495	228	965402	48.844	ng	100
84) Bis(2-ethylhexyl)phtha...	21.337	149	623261	50.933	ng	98
85) Di-n-octyl phthalate	22.488	149	1100259	51.142	ng	100
87) Indeno(1,2,3-cd)pyrene	28.017	276	1265982	49.536	ng	100
88) Benzo(b)fluoranthene	23.546	252	1115157	53.521	ng	99
89) Benzo(k)fluoranthene	23.611	252	1044141	49.884	ng	99
90) Benzo(a)pyrene	24.380	252	995595	48.656	ng	99
91) Dibenzo(a,h)anthracene	28.076	278	1072132	50.735	ng	99
92) Benzo(g,h,i)perylene	29.110	276	1001611	47.268	ng	98

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

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