

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058874.D
 Acq On : 28 Aug 2023 15:21
 Operator : MA/JU
 Sample : 04188-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:12:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	14440	20.000	ng	-0.03
21) Naphthalene-d8	10.602	136	56467	20.000	ng	-0.03
39) Acenaphthene-d10	14.451	164	39111	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	102849	20.000	ng	-0.03
76) Chrysene-d12	21.443	240	98228	20.000	ng	#-0.02
86) Perylene-d12	24.504	264	121070	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	121718	135.648	ng	-0.02
7) Phenol-d6	6.977	99	152634	121.240	ng	-0.03
23) Nitrobenzene-d5	8.969	82	103200	87.867	ng	-0.03
42) 2,4,6-Tribromophenol	15.949	330	92552	150.920	ng	-0.02
45) 2-Fluorobiphenyl	13.070	172	238811	88.809	ng	-0.03
79) Terphenyl-d14	19.821	244	524235	95.829	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	16263	38.550	ng	# 39
3) Pyridine	3.675	79	38864	34.862	ng	93
4) n-Nitrosodimethylamine	3.581	42	29636	48.899	ng	96
6) Aniline	7.130	93	35327	22.955	ng	96
8) 2-Chlorophenol	7.371	128	43931	48.421	ng	99
9) Benzaldehyde	6.942	77	17460m	24.725	ng	
10) Phenol	7.007	94	53828	44.341	ng	99
11) bis(2-Chloroethyl)ether	7.224	93	41365	43.669	ng	98
12) 1,3-Dichlorobenzene	7.688	146	46179	47.918	ng	97
13) 1,4-Dichlorobenzene	7.835	146	48512	49.780	ng	97
14) 1,2-Dichlorobenzene	8.152	146	45250	48.041	ng	96
15) Benzyl Alcohol	8.047	79	43487	48.313	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.335	45	97375	48.236	ng	97
17) 2-Methylphenol	8.252	107	39270	44.043	ng	98
18) Hexachloroethane	8.875	117	16962	47.771	ng	97
19) n-Nitroso-di-n-propyla...	8.611	70	35215	43.273	ng	97
20) 3+4-Methylphenols	8.581	107	54072	45.108	ng	96
22) Acetophenone	8.628	105	73021	47.772	ng	# 99
24) Nitrobenzene	9.010	77	53550	45.842	ng	98
25) Isophorone	9.527	82	100740	43.131	ng	99
26) 2-Nitrophenol	9.721	139	23839	48.795	ng	93
27) 2,4-Dimethylphenol	9.786	122	39553	47.770	ng	100
28) bis(2-Chloroethoxy)met...	10.015	93	55594	44.935	ng	99
29) 2,4-Dichlorophenol	10.268	162	43765	51.438	ng	98
30) 1,2,4-Trichlorobenzene	10.467	180	48966	47.659	ng	97
31) Naphthalene	10.655	128	138848	46.831	ng	99
32) Benzoic acid	9.939	122	24219	47.761	ng	# 88
33) 4-Chloroaniline	10.785	127	10249	8.197	ng	95
34) Hexachlorobutadiene	10.931	225	33235	47.929	ng	99
35) Caprolactam	11.548	113	14065m	46.133	ng	
36) 4-Chloro-3-methylphenol	11.907	107	51324	48.507	ng	98
37) 2-Methylnaphthalene	12.271	142	95306	44.756	ng	98
38) 1-Methylnaphthalene	12.488	142	91358	45.196	ng	98
40) 1,2,4,5-Tetrachloroben...	12.641	216	56832	47.134	ng	98
41) Hexachlorocyclopentadiene	12.612	237	39359	82.651	ng	94
43) 2,4,6-Trichlorophenol	12.888	196	40047	52.198	ng	97

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44) 2,4,5-Trichlorophenol	12.964	196	44183	48.091	ng	98
46) 1,1'-Biphenyl	13.282	154	126314	46.882	ng	96
47) 2-Chloronaphthalene	13.329	162	101215	48.206	ng	98
48) 2-Nitroaniline	13.540	65	39091	49.021	ng	98
49) Acenaphthylene	14.175	152	167533	48.115	ng	97
50) Dimethylphthalate	13.910	163	142226	46.966	ng	99
51) 2,6-Dinitrotoluene	14.034	165	31444	49.425	ng	98
52) Acenaphthene	14.516	154	94416	46.401	ng	98
53) 3-Nitroaniline	14.374	138	14310	23.321	ng #	88
54) 2,4-Dinitrophenol	14.586	184	30547	85.400	ng	95
55) Dibenzofuran	14.850	168	165319	47.100	ng	98
56) 4-Nitrophenol	14.692	139	44223	98.530	ng	93
57) 2,4-Dinitrotoluene	14.833	165	47015	52.983	ng	94
58) Fluorene	15.503	166	134426	48.124	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.085	232	42557	56.764	ng #	96
60) Diethylphthalate	15.268	149	148171	47.457	ng	99
61) 4-Chlorophenyl-phenyle...	15.491	204	73009	47.155	ng	95
62) 4-Nitroaniline	15.538	138	32105	51.557	ng	91
63) Azobenzene	15.785	77	131690	45.934	ng	97
65) 4,6-Dinitro-2-methylph...	15.597	198	26365	45.351	ng	98
66) n-Nitrosodiphenylamine	15.708	169	121064	45.671	ng	96
67) 4-Bromophenyl-phenylether	16.384	248	50699	44.921	ng	99
68) Hexachlorobenzene	16.507	284	58304	47.999	ng	96
69) Atrazine	16.660	200	55096	58.730	ng	95
70) Pentachlorophenol	16.854	266	59655	93.658	ng	99
71) Phenanthrene	17.242	178	233546	47.301	ng	100
72) Anthracene	17.330	178	236393	47.736	ng	99
73) Carbazole	17.606	167	234681	51.751	ng	100
74) Di-n-butylphthalate	18.158	149	282063	49.307	ng	100
75) Fluoranthene	19.257	202	308079	50.315	ng	98
77) Benzidine	19.451	184	44861	25.483	ng	98
78) Pyrene	19.621	202	318502	46.536	ng	97
80) Butylbenzylphthalate	20.503	149	131377	47.330	ng	99
81) Benzo(a)anthracene	21.419	228	322367	47.146	ng	97
82) 3,3'-Dichlorobenzidine	21.343	252	67553	28.616	ng	98
83) Chrysene	21.484	228	297787	45.184	ng	97
84) Bis(2-ethylhexyl)phtha...	21.319	149	186178	45.731	ng	99
85) Di-n-octyl phthalate	22.471	149	322547	46.063	ng	100
87) Indeno(1,2,3-cd)pyrene	27.994	276	396917	48.456	ng	100
88) Benzo(b)fluoranthene	23.534	252	334464	49.789	ng	97
89) Benzo(k)fluoranthene	23.599	252	322388	46.535	ng	99
90) Benzo(a)pyrene	24.363	252	293101	44.312	ng	100
91) Dibenzo(a,h)anthracene	28.047	278	325900	48.419	ng	98
92) Benzo(g,h,i)perylene	29.087	276	319827	47.526	ng	96

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

