

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057851.D
 Acq On : 23 Jun 2023 21:18
 Operator : CG/JU
 Sample : 03357-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SCAN-02MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 25 01:39:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	38687	20.000	ng	-0.01
21) Naphthalene-d8	10.726	136	176813	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	130948	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	327537	20.000	ng	0.00
76) Chrysene-d12	21.555	240	271016	20.000	ng	0.00
86) Perylene-d12	24.704	264	346449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	264114	105.265	ng	0.00
7) Phenol-d6	7.083	99	385070	100.582	ng	0.00
23) Nitrobenzene-d5	9.081	82	226940	65.874	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	155296	85.136	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	536116	62.097	ng	0.00
79) Terphenyl-d14	19.915	244	976381	67.178	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	45066	39.458	ng	91
3) Pyridine	3.787	79	121856	35.031	ng	94
4) n-Nitrosodimethylamine	3.705	42	65151	40.990	ng	87
6) Aniline	7.242	93	187792	38.310	ng	99
8) 2-Chlorophenol	7.483	128	139374	53.996	ng	98
9) Benzaldehyde	7.054	77	75804m	31.490	ng	
10) Phenol	7.113	94	201641	53.493	ng	95
11) bis(2-Chloroethyl)ether	7.342	93	132083	45.575	ng	94
12) 1,3-Dichlorobenzene	7.806	146	133885	50.968	ng	96
13) 1,4-Dichlorobenzene	7.953	146	134638	50.584	ng	98
14) 1,2-Dichlorobenzene	8.270	146	131310	50.985	ng	95
15) Benzyl Alcohol	8.158	79	140047	47.841	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.446	45	222315	39.932	ng	98
17) 2-Methylphenol	8.358	107	135924	49.027	ng	96
18) Hexachloroethane	9.005	117	47117	50.203	ng	91
19) n-Nitroso-di-n-propyla...	8.723	70	113361	42.472	ng	94
20) 3+4-Methylphenols	8.687	107	189450	49.470	ng	98
22) Acetophenone	8.740	105	228449	46.075	ng	96
24) Nitrobenzene	9.122	77	164437	45.862	ng	96
25) Isophorone	9.645	82	340759	43.294	ng	99
26) 2-Nitrophenol	9.833	139	75823	66.471	ng	98
27) 2,4-Dimethylphenol	9.892	122	143622	50.855	ng	99
28) bis(2-Chloroethoxy)met...	10.127	93	191612	45.206	ng	98
29) 2,4-Dichlorophenol	10.368	162	144246	53.785	ng	100
30) 1,2,4-Trichlorobenzene	10.585	180	148724	49.751	ng	98
31) Naphthalene	10.773	128	433457	46.061	ng	99
32) Benzoic acid	10.044	122	128119	61.616	ng	98
33) 4-Chloroaniline	10.879	127	123545	28.334	ng	98
34) Hexachlorobutadiene	11.055	225	87938	48.217	ng	99
35) Caprolactam	11.666	113	58554m	53.804	ng	
36) 4-Chloro-3-methylphenol	12.007	107	183467	52.381	ng	99
37) 2-Methylnaphthalene	12.383	142	310285	45.236	ng	97
38) 1-Methylnaphthalene	12.600	142	293298	45.297	ng	98
40) 1,2,4,5-Tetrachloroben...	12.747	216	175703	48.400	ng	99
41) Hexachlorocyclopentadiene	12.730	237	210361	109.148	ng	99
43) 2,4,6-Trichlorophenol	12.988	196	137237	52.796	ng	97

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44) 2,4,5-Trichlorophenol	13.059	196	149926	49.482	ng	95
46) 1,1'-Biphenyl	13.394	154	421532	46.882	ng	99
47) 2-Chloronaphthalene	13.435	162	329880	47.756	ng	99
48) 2-Nitroaniline	13.634	65	132333	53.910	ng	97
49) Acenaphthylene	14.281	152	550029	46.391	ng	100
50) Dimethylphthalate	14.016	163	457714	45.509	ng	100
51) 2,6-Dinitrotoluene	14.134	165	103525	55.897	ng	88
52) Acenaphthene	14.621	154	393866m	53.661	ng	
53) 3-Nitroaniline	14.463	138	89381	42.824	ng	94
54) 2,4-Dinitrophenol	14.668	184	127370	125.905	ng	98
55) Dibenzofuran	14.956	168	546491	46.305	ng	100
56) 4-Nitrophenol	14.774	139	190130	114.624	ng	92
57) 2,4-Dinitrotoluene	14.921	165	147362	58.673	ng	93
58) Fluorene	15.603	166	433002	46.349	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	142909	55.344	ng	98
60) Diethylphthalate	15.374	149	478461	46.370	ng	98
61) 4-Chlorophenyl-phenyle...	15.597	204	237476	47.806	ng	95
62) 4-Nitroaniline	15.626	138	111806	52.545	ng	99
63) Azobenzene	15.891	77	494692	46.870	ng	97
65) 4,6-Dinitro-2-methylph...	15.679	198	90534	58.823	ng	94
66) n-Nitrosodiphenylamine	15.814	169	393615	45.533	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	163828	47.163	ng	94
68) Hexachlorobenzene	16.607	284	181624	51.289	ng	96
69) Atrazine	16.760	200	168469	56.772	ng	97
70) Pentachlorophenol	16.948	266	238636	91.218	ng	98
71) Phenanthrene	17.342	178	726645	45.820	ng	100
72) Anthracene	17.436	178	733032	45.266	ng	100
73) Carbazole	17.706	167	699474	46.847	ng	99
74) Di-n-butylphthalate	18.264	149	841642	47.606	ng	100
75) Fluoranthene	19.351	202	863470	45.704	ng	100
77) Benzidine	19.533	184	467941	73.658	ng	99
78) Pyrene	19.715	202	896829	46.389	ng	98
80) Butylbenzylphthalate	20.609	149	370453	50.372	ng	95
81) Benzo(a)anthracene	21.537	228	879445	47.297	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	234861	37.137	ng	100
83) Chrysene	21.602	228	826443	46.313	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	530450	49.678	ng	99
85) Di-n-octyl phthalate	22.636	149	950378	50.745	ng	96
87) Indeno(1,2,3-cd)pyrene	28.300	276	1118581	49.383	ng	# 93
88) Benzo(b)fluoranthene	23.705	252	942851	49.663	ng	98
89) Benzo(k)fluoranthene	23.775	252	904643	46.786	ng	100
90) Benzo(a)pyrene	24.557	252	827744	44.395	ng	98
91) Dibenzo(a,h)anthracene	28.364	278	925564	49.248	ng	99
92) Benzo(g,h,i)perylene	29.428	276	923465	49.073	ng	99

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

