

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
 Data File : BG061134.D
 Acq On : 7 May 2024 16:31
 Operator : MA/JU
 Sample : P2395-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-INSIDE-GATEMS

Quant Time: May 07 17:10:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	24768	20.000	ng	-0.03
21) Naphthalene-d8	10.731	136	103377	20.000	ng	-0.03
39) Acenaphthene-d10	14.567	164	82761	20.000	ng	-0.02
64) Phenanthrene-d10	17.317	188	190078	20.000	ng	-0.02
76) Chrysene-d12	21.577	240	184172	20.000	ng	-0.02
86) Perylene-d12	24.703	264	218714	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	133562	109.670	ng	-0.02
7) Phenol-d6	7.117	99	183713	101.972	ng	-0.02
23) Nitrobenzene-d5	9.092	82	130486	62.572	ng	-0.03
42) 2,4,6-Tribromophenol	16.060	330	149012	90.078	ng	-0.02
45) 2-Fluorobiphenyl	13.187	172	366027	65.399	ng	-0.02
79) Terphenyl-d14	19.932	244	677524	61.183	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	15003	30.468	ng	96
3) Pyridine	3.827	79	40275	27.795	ng	96
4) n-Nitrosodimethylamine	3.745	42	45390	32.604	ng	93
6) Aniline	7.258	93	37957	21.252	ng	# 94
8) 2-Chlorophenol	7.505	128	69294	46.378	ng	98
9) Benzaldehyde	7.070	77	24615	22.945	ng	95
10) Phenol	7.141	94	85634	46.740	ng	92
11) bis(2-Chloroethyl)ether	7.358	93	54732	43.243	ng	95
12) 1,3-Dichlorobenzene	7.822	146	75602	42.922	ng	99
13) 1,4-Dichlorobenzene	7.969	146	76406	41.971	ng	97
14) 1,2-Dichlorobenzene	8.287	146	75884	43.206	ng	95
15) Benzyl Alcohol	8.169	79	69788	42.942	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.451	45	125625	45.741	ng	98
17) 2-Methylphenol	8.386	107	58677	44.941	ng	95
18) Hexachloroethane	9.015	117	28853	44.418	ng	88
19) n-Nitroso-di-n-propyla...	8.739	70	52721	39.103	ng	93
20) 3+4-Methylphenols	8.710	107	81495	43.263	ng	97
22) Acetophenone	8.757	105	113093	43.928	ng	# 98
24) Nitrobenzene	9.133	77	85184	41.755	ng	96
25) Isophorone	9.656	82	150134	38.947	ng	97
26) 2-Nitrophenol	9.844	139	43152	44.645	ng	94
27) 2,4-Dimethylphenol	9.908	122	54227	48.662	ng	97
28) bis(2-Chloroethoxy)met...	10.137	93	80290	42.439	ng	97
29) 2,4-Dichlorophenol	10.384	162	81145	46.475	ng	95
30) 1,2,4-Trichlorobenzene	10.596	180	91769	43.621	ng	96
31) Naphthalene	10.784	128	230274	42.860	ng	98
32) Benzoic acid	10.073	122	38096m	29.573	ng	
33) 4-Chloroaniline	10.889	127	43086	20.108	ng	98
34) Hexachlorobutadiene	11.066	225	79649	44.123	ng	95
35) Caprolactam	11.671	113	22657m	36.033	ng	
36) 4-Chloro-3-methylphenol	12.023	107	85558	40.637	ng	99
37) 2-Methylnaphthalene	12.388	142	164819	40.938	ng	99
38) 1-Methylnaphthalene	12.611	142	155900	38.464	ng	97
40) 1,2,4,5-Tetrachloroben...	12.758	216	137524	49.792	ng	98
41) Hexachlorocyclopentadiene	12.734	237	97450	92.166	ng	96
43) 2,4,6-Trichlorophenol	13.005	196	82851	46.724	ng	98

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44) 2,4,5-Trichlorophenol	13.081	196	87680	43.690	ng	99
46) 1,1'-Biphenyl	13.398	154	242382	45.676	ng	99
47) 2-Chloronaphthalene	13.439	162	188487	44.358	ng	98
48) 2-Nitroaniline	13.645	65	66859	42.402	ng	98
49) Acenaphthylene	14.291	152	306201	46.918	ng	97
50) Dimethylphthalate	14.021	163	256834	40.178	ng	99
51) 2,6-Dinitrotoluene	14.139	165	54333	39.737	ng	98
52) Acenaphthene	14.632	154	173144	42.528	ng	98
53) 3-Nitroaniline	14.468	138	33422	26.715	ng	96
54) 2,4-Dinitrophenol	14.685	184	58399	60.797	ng	96
55) Dibenzofuran	14.967	168	298667	43.432	ng	99
56) 4-Nitrophenol	14.797	139	71554	70.771	ng	96
57) 2,4-Dinitrotoluene	14.932	165	77928	38.523	ng	92
58) Fluorene	15.613	166	245930	41.329	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.196	232	85723m	41.495	ng	
60) Diethylphthalate	15.390	149	249993	38.781	ng	98
61) 4-Chlorophenyl-phenyle...	15.607	204	148227	41.485	ng	97
62) 4-Nitroaniline	15.637	138	48622	35.833	ng	97
63) Azobenzene	15.901	77	213588	42.564	ng	97
65) 4,6-Dinitro-2-methylph...	15.701	198	45558	38.630	ng	96
66) n-Nitrosodiphenylamine	15.825	169	218624	46.382	ng	95
67) 4-Bromophenyl-phenylether	16.500	248	103406	46.181	ng	98
68) Hexachlorobenzene	16.624	284	124500	44.672	ng	97
69) Atrazine	16.777	200	95598	49.179	ng	95
70) Pentachlorophenol	16.971	266	128924	75.299	ng	97
71) Phenanthrene	17.358	178	387035	44.532	ng	99
72) Anthracene	17.446	178	402358	46.396	ng	100
73) Carbazole	17.717	167	328824	43.124	ng	99
74) Di-n-butylphthalate	18.281	149	390646	43.085	ng	98
75) Fluoranthene	19.368	202	497022	41.743	ng	99
77) Benzidine	19.550	184	157750	45.186	ng	97
78) Pyrene	19.732	202	504474	43.085	ng	99
80) Butylbenzylphthalate	20.625	149	170275	45.941	ng	94
81) Benzo(a)anthracene	21.559	228	533640	44.279	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	110945	25.580	ng	98
83) Chrysene	21.624	228	494244	43.772	ng	99
84) Bis(2-ethylhexyl)phtha...	21.471	149	227966	47.101	ng	99
85) Di-n-octyl phthalate	22.658	149	390965	45.786	ng	99
87) Indeno(1,2,3-cd)pyrene	28.257	276	649091	44.782	ng	# 95
88) Benzo(b)fluoranthene	23.716	252	520011	42.548	ng	99
89) Benzo(k)fluoranthene	23.780	252	527937	44.901	ng	99
90) Benzo(a)pyrene	24.556	252	494908	46.480	ng	98
91) Dibenzo(a,h)anthracene	28.310	278	519719	43.297	ng	100
92) Benzo(g,h,i)perylene	29.374	276	465590m	39.032	ng	

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

