

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060403.D
 Acq On : 23 Jan 2024 14:29
 Operator : MA/JU
 Sample : IDOC-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-02

Quant Time: Jan 23 15:03:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	183644	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	820505	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	673023	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1722435	20.000	ng	0.00
76) Chrysene-d12	21.579	240	1547070	20.000	ng	0.00
86) Perylene-d12	24.740	264	1670211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1847841	165.500	ng	0.00
7) Phenol-d6	7.101	99	2326500	140.718	ng	0.00
23) Nitrobenzene-d5	9.093	82	1471286	84.672	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	1416624	143.063	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3761995	77.714	ng	0.00
79) Terphenyl-d14	19.933	244	5567529	94.755	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.400	88	180610	35.412	ng	97
3) Pyridine	3.794	79	496301	34.490	ng	94
4) n-Nitrosodimethylamine	3.717	42	204854	45.488	ng	# 88
6) Aniline	7.254	93	687133	41.580	ng	99
8) 2-Chlorophenol	7.495	128	579220	52.346	ng	93
10) Phenol	7.125	94	841668	50.775	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	606068	44.869	ng	96
12) 1,3-Dichlorobenzene	7.818	146	585011	42.120	ng	98
13) 1,4-Dichlorobenzene	7.965	146	596443	42.325	ng	100
14) 1,2-Dichlorobenzene	8.282	146	622284	42.945	ng	100
15) Benzyl Alcohol	8.165	79	561774	52.492	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.453	45	739262m	45.092	ng	
17) 2-Methylphenol	8.376	107	580870	51.018	ng	99
18) Hexachloroethane	9.011	117	215097	43.534	ng	95
19) n-Nitroso-di-n-propyla...	8.735	70	521575	45.582	ng	99
20) 3+4-Methylphenols	8.700	107	812040	52.898	ng	99
22) Acetophenone	8.752	105	1019751	45.213	ng	# 97
24) Nitrobenzene	9.134	77	748763	41.568	ng	95
25) Isophorone	9.651	82	1485544	42.571	ng	99
26) 2-Nitrophenol	9.845	139	335088	50.595	ng	95
27) 2,4-Dimethylphenol	9.904	122	617024	70.506	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	908357	42.604	ng	99
29) 2,4-Dichlorophenol	10.380	162	721259	50.859	ng	100
30) 1,2,4-Trichlorobenzene	10.597	180	721092	40.871	ng	94
31) Naphthalene	10.785	128	1842726	42.844	ng	99
32) Benzoic acid	10.057	122	387243	49.659	ng	91
33) 4-Chloroaniline	10.891	127	429349	25.908	ng	96
34) Hexachlorobutadiene	11.062	225	472240	41.088	ng	98
35) Caprolactam	11.667	113	254184m	55.648	ng	
36) 4-Chloro-3-methylphenol	12.019	107	765414	53.128	ng	99
37) 2-Methylnaphthalene	12.389	142	1450722	45.479	ng	99
38) 1-Methylnaphthalene	12.613	142	1386074	43.272	ng	100
40) 1,2,4,5-Tetrachloroben...	12.760	216	982511	41.105	ng	99
41) Hexachlorocyclopentadiene	12.736	237	1100595	138.687	ng	99
43) 2,4,6-Trichlorophenol	13.000	196	701747	46.133	ng	96
44) 2,4,5-Trichlorophenol	13.077	196	795654	47.423	ng	97

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46) 1,1'-Biphenyl	13.400	154	2105061	41.436	ng	99
47) 2-Chloronaphthalene	13.447	162	1754524	40.314	ng	99
48) 2-Nitroaniline	13.647	65	560749	51.736	ng	98
49) Acenaphthylene	14.293	152	2748671	45.863	ng	99
50) Dimethylphthalate	14.023	163	2372522	46.130	ng	99
51) 2,6-Dinitrotoluene	14.146	165	543659	49.539	ng	96
52) Acenaphthene	14.634	154	1656987	44.401	ng	99
53) 3-Nitroaniline	14.475	138	358090	35.809	ng	99
54) 2,4-Dinitrophenol	14.681	184	681606	100.029	ng	100
55) Dibenzofuran	14.969	168	2796093	44.883	ng	97
56) 4-Nitrophenol	14.792	139	848406	114.383	ng	95
57) 2,4-Dinitrotoluene	14.933	165	767845	51.023	ng	93
58) Fluorene	15.615	166	2319832	44.967	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	763869	53.615	ng	99
60) Diethylphthalate	15.386	149	2337888	47.349	ng	98
61) 4-Chlorophenyl-phenyle...	15.603	204	1265840	44.541	ng	97
62) 4-Nitroaniline	15.644	138	532691	50.051	ng	96
63) Azobenzene	15.903	77	2198330	44.019	ng	97
65) 4,6-Dinitro-2-methylph...	15.697	198	511725	53.703	ng	94
66) n-Nitrosodiphenylamine	15.827	169	2137000	46.726	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	864713	45.689	ng	97
68) Hexachlorobenzene	16.620	284	975622	43.549	ng	99
69) Atrazine	16.772	200	678282	39.331	ng	100
70) Pentachlorophenol	16.966	266	1144605	94.786	ng	94
71) Phenanthrene	17.360	178	3784263	45.454	ng	99
72) Anthracene	17.448	178	3778808	45.461	ng	98
73) Carbazole	17.718	167	3514957	44.855	ng	99
74) Di-n-butylphthalate	18.271	149	3642022	45.170	ng	99
75) Fluoranthene	19.369	202	4242151	42.423	ng	98
77) Benzidine	19.552	184	1145017	34.067	ng	99
78) Pyrene	19.734	202	4391723	44.453	ng	98
80) Butylbenzylphthalate	20.621	149	1749364	51.467	ng	93
81) Benzo(a)anthracene	21.555	228	4311851	45.021	ng	100
82) 3,3'-Dichlorobenzidine	21.479	252	1465358	39.951	ng	99
83) Chrysene	21.626	228	4104690	43.576	ng	100
84) Bis(2-ethylhexyl)phtha...	21.461	149	2505406	48.779	ng	97
85) Di-n-octyl phthalate	22.648	149	4207437	50.550	ng	99
87) Indeno(1,2,3-cd)pyrene	28.353	276	5493635	47.305	ng	# 94
88) Benzo(b)fluoranthene	23.735	252	4678043	47.411	ng	99
89) Benzo(k)fluoranthene	23.805	252	4570254	46.938	ng	98
90) Benzo(a)pyrene	24.593	252	4206784	47.197	ng	99
91) Dibenzo(a,h)anthracene	28.412	278	4561449	48.096	ng	99
92) Benzo(g,h,i)perylene	29.487	276	4508161	46.379	ng	99

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

