

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060640.D
 Acq On : 14 Mar 2024 15:53
 Operator : MA/JU
 Sample : IDOC-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-04

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 15 02:10:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	98334	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	468241	20.000	ng	0.00
39) Acenaphthene-d10	14.946	164	313211	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	657769	20.000	ng	0.00
76) Chrysene-d12	22.020	240	577264	20.000	ng	0.00
86) Perylene-d12	25.569	264	659279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	924776	147.837	ng	0.00
7) Phenol-d6	7.437	99	1283507	141.447	ng	0.00
23) Nitrobenzene-d5	9.523	82	796950	88.579	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	516121	142.203	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	1945270	83.972	ng	0.00
79) Terphenyl-d14	20.275	244	2742182	85.864	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.641	88	89807	34.299	ng	98
3) Pyridine	4.064	79	243058	31.409	ng	96
4) n-Nitrosodimethylamine	3.988	42	164651	43.373	ng	98
6) Aniline	7.648	93	327290	29.517	ng	98
8) 2-Chlorophenol	7.872	128	350377	51.240	ng	99
9) Benzaldehyde	7.466	77	108498	21.360	ng	97
10) Phenol	7.466	94	474986	52.168	ng	99
11) bis(2-Chloroethyl)ether	7.737	93	322851	44.482	ng	100
12) 1,3-Dichlorobenzene	8.201	146	344598	46.732	ng	98
13) 1,4-Dichlorobenzene	8.359	146	355056	47.500	ng	99
14) 1,2-Dichlorobenzene	8.677	146	349914	47.134	ng	99
15) Benzyl Alcohol	8.565	79	348497	48.578	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.824	45	664509	47.160	ng	97
17) 2-Methylphenol	8.741	107	325745	46.592	ng	95
18) Hexachloroethane	9.411	117	123178	48.240	ng	98
19) n-Nitroso-di-n-propyla...	9.129	70	279516	44.439	ng	98
20) 3+4-Methylphenols	9.076	107	447340	47.442	ng	97
22) Acetophenone	9.170	105	560614	44.657	ng	# 96
24) Nitrobenzene	9.570	77	407570	45.311	ng	97
25) Isophorone	10.075	82	783978	43.536	ng	100
26) 2-Nitrophenol	10.269	139	171143	47.019	ng	95
27) 2,4-Dimethylphenol	10.292	122	299722	37.606	ng	99
28) bis(2-Chloroethoxy)met...	10.557	93	476147	44.107	ng	99
29) 2,4-Dichlorophenol	10.792	162	347218	48.541	ng	96
30) 1,2,4-Trichlorobenzene	11.015	180	338647	44.587	ng	99
31) Naphthalene	11.221	128	1156508	44.220	ng	99
32) Benzoic acid	10.416	122	241518	46.349	ng	96
33) 4-Chloroaniline	11.332	127	153246	13.896	ng	99
34) Hexachlorobutadiene	11.450	225	233140	45.003	ng	95
35) Caprolactam	12.131	113	119070m	49.449	ng	
36) 4-Chloro-3-methylphenol	12.402	107	422906	48.243	ng	96
37) 2-Methylnaphthalene	12.801	142	792814	43.889	ng	99
38) 1-Methylnaphthalene	13.019	142	733627	43.270	ng	98
40) 1,2,4,5-Tetrachloroben...	13.142	216	430551	44.762	ng	99
41) Hexachlorocyclopentadiene	13.095	237	490528	103.704	ng	96
43) 2,4,6-Trichlorophenol	13.383	196	298639	48.353	ng	99

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44) 2,4,5-Trichlorophenol	13.448	196	330585	45.246	ng	97
46) 1,1'-Biphenyl	13.788	154	1068108	44.864	ng	99
47) 2-Chloronaphthalene	13.841	162	828023	46.084	ng	99
48) 2-Nitroaniline	14.053	65	290423	48.974	ng	99
49) Acenaphthylene	14.681	152	1377553	47.063	ng	99
50) Dimethylphthalate	14.393	163	1056804	44.989	ng	98
51) 2,6-Dinitrotoluene	14.534	165	209691	48.446	ng	97
52) Acenaphthene	15.016	154	766609	43.829	ng	99
53) 3-Nitroaniline	14.869	138	129234	25.931	ng	94
54) 2,4-Dinitrophenol	15.069	184	213160	94.811	ng	94
55) Dibenzofuran	15.345	168	1247674	44.056	ng	97
56) 4-Nitrophenol	15.140	139	376136	101.144	ng	97
57) 2,4-Dinitrotoluene	15.310	165	286573	52.630	ng	# 98
58) Fluorene	15.992	166	1010005	44.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.551	232	294713m	48.369	ng	
60) Diethylphthalate	15.739	149	1084747	44.881	ng	99
61) 4-Chlorophenyl-phenyle...	15.974	204	506572	44.137	ng	99
62) 4-Nitroaniline	16.033	138	235020	46.052	ng	96
63) Azobenzene	16.274	77	1139002	45.536	ng	99
65) 4,6-Dinitro-2-methylph...	16.056	198	146838	49.261	ng	92
66) n-Nitrosodiphenylamine	16.197	169	928990	45.128	ng	99
67) 4-Bromophenyl-phenylether	16.873	248	326683	46.056	ng	98
68) Hexachlorobenzene	16.961	284	388036	47.581	ng	99
69) Atrazine	17.131	200	333984	48.507	ng	99
70) Pentachlorophenol	17.314	266	493353	93.336	ng	98
71) Phenanthrene	17.742	178	1580453	44.605	ng	98
72) Anthracene	17.831	178	1614557	45.067	ng	100
73) Carbazole	18.107	167	1435018	46.067	ng	99
74) Di-n-butylphthalate	18.612	149	1774752	46.751	ng	99
75) Fluoranthene	19.728	202	1768749	45.128	ng	99
77) Benzidine	19.916	184	555582	39.348	ng	99
78) Pyrene	20.093	202	1840475	45.686	ng	100
80) Butylbenzylphthalate	20.956	149	750019	49.247	ng	98
81) Benzo(a)anthracene	21.996	228	1850371	46.554	ng	99
82) 3,3'-Dichlorobenzidine	21.908	252	359853	26.861	ng	98
83) Chrysene	22.067	228	1798141	46.592	ng	99
84) Bis(2-ethylhexyl)phtha...	21.838	149	1076288	47.843	ng	97
85) Di-n-octyl phthalate	23.166	149	1858754	50.176	ng	99
87) Indeno(1,2,3-cd)pyrene	29.693	276	2251319	50.063	ng	# 95
88) Benzo(b)fluoranthene	24.423	252	1779366	49.060	ng	100
89) Benzo(k)fluoranthene	24.499	252	1810454	47.514	ng	99
90) Benzo(a)pyrene	25.404	252	1681338	47.284	ng	99
91) Dibenzo(a,h)anthracene	29.787	278	1833385	48.025	ng	99
92) Benzo(g,h,i)perylene	31.003	276	1723303	46.623	ng	99

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

