

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061152.D
 Acq On : 9 May 2024 15:29
 Operator : MA/JU
 Sample : P2414-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS004-0212-01MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 09 16:12:44 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	23166	20.000	ng	-0.03
21) Naphthalene-d8	10.728	136	94564	20.000	ng	-0.03
39) Acenaphthene-d10	14.565	164	74643	20.000	ng	-0.02
64) Phenanthrene-d10	17.314	188	173610	20.000	ng	-0.02
76) Chrysene-d12	21.574	240	175805	20.000	ng	-0.02
86) Perylene-d12	24.700	264	208581	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	129137	113.369	ng	-0.02
7) Phenol-d6	7.109	99	176872	104.964	ng	-0.02
23) Nitrobenzene-d5	9.089	82	123497	64.739	ng	-0.03
42) 2,4,6-Tribromophenol	16.057	330	146506	98.196	ng	-0.02
45) 2-Fluorobiphenyl	13.184	172	336765	66.715	ng	-0.02
79) Terphenyl-d14	19.929	244	663252	62.745	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.437	88	13893	30.165	ng	95
3) Pyridine	3.824	79	39573	29.199	ng	94
4) n-Nitrosodimethylamine	3.742	42	43012	33.033	ng	# 99
6) Aniline	7.256	93	42724	25.576	ng	98
8) 2-Chlorophenol	7.502	128	63656	45.551	ng	96
9) Benzaldehyde	7.068	77	20027	19.499	ng	97
10) Phenol	7.138	94	76770	44.800	ng	95
11) bis(2-Chloroethyl)ether	7.356	93	51070	43.140	ng	97
12) 1,3-Dichlorobenzene	7.826	146	67753	41.126	ng	99
13) 1,4-Dichlorobenzene	7.967	146	71153	41.788	ng	94
14) 1,2-Dichlorobenzene	8.284	146	69980	42.599	ng	98
15) Benzyl Alcohol	8.172	79	62719	41.261	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.448	45	116494	45.350	ng	98
17) 2-Methylphenol	8.384	107	53629	43.915	ng	93
18) Hexachloroethane	9.012	117	25583	42.108	ng	91
19) n-Nitroso-di-n-propyla...	8.736	70	47620	37.762	ng	83
20) 3+4-Methylphenols	8.707	107	73745	41.856	ng	96
22) Acetophenone	8.748	105	99793	42.374	ng	# 98
24) Nitrobenzene	9.130	77	76938	41.228	ng	99
25) Isophorone	9.653	82	134446	38.128	ng	96
26) 2-Nitrophenol	9.841	139	39414	44.578	ng	96
27) 2,4-Dimethylphenol	9.905	122	48125	47.211	ng	98
28) bis(2-Chloroethoxy)met...	10.135	93	74103	42.819	ng	98
29) 2,4-Dichlorophenol	10.381	162	72538	45.417	ng	97
30) 1,2,4-Trichlorobenzene	10.593	180	83775	43.532	ng	98
31) Naphthalene	10.781	128	209366	42.600	ng	99
32) Benzoic acid	10.070	122	28590	24.262	ng	86
33) 4-Chloroaniline	10.887	127	47748	24.361	ng	95
34) Hexachlorobutadiene	11.063	225	69743	42.237	ng	98
35) Caprolactam	11.662	113	20315	35.320	ng	# 90
36) 4-Chloro-3-methylphenol	12.021	107	79346	41.199	ng	96
37) 2-Methylnaphthalene	12.385	142	151816	41.222	ng	98
38) 1-Methylnaphthalene	12.608	142	139477m	37.619	ng	
40) 1,2,4,5-Tetrachloroben...	12.755	216	121287	48.689	ng	99
41) Hexachlorocyclopentadiene	12.732	237	61193	64.170	ng	100
43) 2,4,6-Trichlorophenol	12.996	196	72297	45.206	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	80076	44.240	ng	99
46) 1,1'-Biphenyl	13.395	154	217919	45.533	ng	98
47) 2-Chloronaphthalene	13.437	162	171066	44.637	ng	98
48) 2-Nitroaniline	13.642	65	63210	44.448	ng	99
49) Acenaphthylene	14.289	152	282514	47.997	ng	99
50) Dimethylphthalate	14.018	163	236721	41.059	ng	99
51) 2,6-Dinitrotoluene	14.142	165	50072	40.604	ng	92
52) Acenaphthene	14.629	154	156887	42.726	ng	95
53) 3-Nitroaniline	14.471	138	35288	31.274	ng	# 93
54) 2,4-Dinitrophenol	14.682	184	42213	49.164	ng	98
55) Dibenzofuran	14.964	168	275667	44.447	ng	98
56) 4-Nitrophenol	14.800	139	69797	76.541	ng	98
57) 2,4-Dinitrotoluene	14.935	165	73445	40.255	ng	88
58) Fluorene	15.611	166	228151	42.511	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.193	232	77538	41.615	ng	98
60) Diethylphthalate	15.387	149	231935	39.893	ng	99
61) 4-Chlorophenyl-phenyle...	15.605	204	137196	42.574	ng	98
62) 4-Nitroaniline	15.634	138	47557	38.860	ng	89
63) Azobenzene	15.898	77	197414	43.619	ng	99
65) 4,6-Dinitro-2-methylph...	15.699	198	38326	35.580	ng	97
66) n-Nitrosodiphenylamine	15.822	169	203718	47.319	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	98297	48.063	ng	96
68) Hexachlorobenzene	16.621	284	116623	45.815	ng	98
69) Atrazine	16.774	200	87536	49.303	ng	99
70) Pentachlorophenol	16.968	266	114817	73.420	ng	97
71) Phenanthrene	17.356	178	382162	48.142	ng	99
72) Anthracene	17.450	178	378220	47.749	ng	99
73) Carbazole	17.714	167	309600	44.454	ng	98
74) Di-n-butylphthalate	18.278	149	374131	45.178	ng	99
75) Fluoranthene	19.371	202	501049	46.073	ng	99
77) Benzidine	19.547	184	173654	51.680	ng	99
78) Pyrene	19.729	202	515611	46.132	ng	100
80) Butylbenzylphthalate	20.622	149	159931	45.204	ng	94
81) Benzo(a)anthracene	21.557	228	532379	46.277	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	135490	32.726	ng	100
83) Chrysene	21.621	228	506496	46.992	ng	98
84) Bis(2-ethylhexyl)phtha...	21.468	149	222590	48.179	ng	98
85) Di-n-octyl phthalate	22.649	149	378613	46.449	ng	99
87) Indeno(1,2,3-cd)pyrene	28.255	276	539712	39.044	ng	# 96
88) Benzo(b)fluoranthene	23.713	252	521295	44.725	ng	98
89) Benzo(k)fluoranthene	23.777	252	534981	47.710	ng	100
90) Benzo(a)pyrene	24.553	252	488893	48.146	ng	# 99
91) Dibenzo(a,h)anthracene	28.307	278	462618m	40.412	ng	
92) Benzo(g,h,i)perylene	29.347	276	395590m	34.775	ng	

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

