

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061185.D
 Acq On : 14 May 2024 11:16
 Operator : MA/JU
 Sample : PB160877BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160877BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 12:00:39 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	7.929	152	21598	20.000	ng	#-0.03
21) Naphthalene-d8	10.726	136	81827	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	72501	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	185868	20.000	ng	-0.03
76) Chrysene-d12	21.572	240	189254	20.000	ng	-0.02
86) Perylene-d12	24.680	264	219385	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	171425	161.419	ng	-0.02
7) Phenol-d6	7.112	99	237132	150.942	ng	-0.02
23) Nitrobenzene-d5	9.086	82	145289	88.019	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	179275	123.709	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	406659	82.941	ng	-0.03
79) Terphenyl-d14	19.927	244	943952	82.953	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	13212	30.769	ng	91
3) Pyridine	3.822	79	37068	29.337	ng	95
4) n-Nitrosodimethylamine	3.740	42	44656	36.785	ng	# 88
6) Aniline	7.259	93	54211	34.808	ng	97
8) 2-Chlorophenol	7.500	128	64259	49.321	ng	98
9) Benzaldehyde	7.065	77	25601	28.277	ng	97
10) Phenol	7.136	94	82204	51.453	ng	96
11) bis(2-Chloroethyl)ether	7.353	93	50813	46.039	ng	98
12) 1,3-Dichlorobenzene	7.817	146	63182	41.135	ng	93
13) 1,4-Dichlorobenzene	7.964	146	64783	40.809	ng	92
14) 1,2-Dichlorobenzene	8.281	146	58975	38.507	ng	96
15) Benzyl Alcohol	8.170	79	60314	42.559	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.446	45	109920m	45.897	ng	
17) 2-Methylphenol	8.381	107	51049	44.837	ng	89
18) Hexachloroethane	9.010	117	21898	38.659	ng	92
19) n-Nitroso-di-n-propyla...	8.734	70	44917	38.205	ng	91
20) 3+4-Methylphenols	8.710	107	72113	43.901	ng	95
22) Acetophenone	8.751	105	93943	46.100	ng	# 92
24) Nitrobenzene	9.127	77	73229	45.349	ng	# 92
25) Isophorone	9.650	82	128333	42.059	ng	# 92
26) 2-Nitrophenol	9.838	139	35402	46.273	ng	97
27) 2,4-Dimethylphenol	9.909	122	43961	49.839	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	68337	45.634	ng	98
29) 2,4-Dichlorophenol	10.385	162	64786	46.877	ng	91
30) 1,2,4-Trichlorobenzene	10.590	180	69512	41.743	ng	95
31) Naphthalene	10.778	128	180617	42.471	ng	99
32) Benzoic acid	10.067	122	29189m	28.626	ng	
33) 4-Chloroaniline	10.884	127	46864m	27.631	ng	
34) Hexachlorobutadiene	11.060	225	57320	40.116	ng	96
35) Caprolactam	11.660	113	20566m	41.322	ng	
36) 4-Chloro-3-methylphenol	12.018	107	71895	43.141	ng	95
37) 2-Methylnaphthalene	12.382	142	135659	42.569	ng	98
38) 1-Methylnaphthalene	12.606	142	127663	39.792	ng	95
40) 1,2,4,5-Tetrachloroben...	12.753	216	107647	44.490	ng	98
41) Hexachlorocyclopentadiene	12.735	237	98165	105.981	ng	96
43) 2,4,6-Trichlorophenol	12.999	196	67859	43.685	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	75423	42.901	ng	88
46) 1,1'-Biphenyl	13.393	154	199767	42.973	ng	95
47) 2-Chloronaphthalene	13.440	162	158936	42.697	ng	97
48) 2-Nitroaniline	13.640	65	62355	45.142	ng	95
49) Acenaphthylene	14.280	152	263764	46.135	ng	96
50) Dimethylphthalate	14.022	163	232637	41.543	ng	99
51) 2,6-Dinitrotoluene	14.139	165	48466	40.462	ng	99
52) Acenaphthene	14.627	154	147330	41.309	ng	98
53) 3-Nitroaniline	14.468	138	32526	29.678	ng	98
54) 2,4-Dinitrophenol	14.686	184	64645	76.242	ng	96
55) Dibenzofuran	14.962	168	257536	42.750	ng	98
56) 4-Nitrophenol	14.797	139	70448	79.537	ng	90
57) 2,4-Dinitrotoluene	14.932	165	73848	41.672	ng	92
58) Fluorene	15.608	166	216666	41.564	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.191	232	75403	41.664	ng	99
60) Diethylphthalate	15.385	149	231783	41.045	ng	100
61) 4-Chlorophenyl-phenyle...	15.602	204	125431	40.073	ng	95
62) 4-Nitroaniline	15.637	138	47224	39.728	ng	95
63) Azobenzene	15.896	77	190901	43.426	ng	96
65) 4,6-Dinitro-2-methylph...	15.696	198	49168	42.635	ng	97
66) n-Nitrosodiphenylamine	15.820	169	199566	43.298	ng	97
67) 4-Bromophenyl-phenylether	16.501	248	97251	44.416	ng	94
68) Hexachlorobenzene	16.619	284	113923	41.803	ng	99
69) Atrazine	16.771	200	92242	48.527	ng	98
70) Pentachlorophenol	16.965	266	107578	64.255	ng	93
71) Phenanthrene	17.353	178	374872	44.109	ng	98
72) Anthracene	17.447	178	395659	46.657	ng	94
73) Carbazole	17.711	167	329622	44.208	ng	99
74) Di-n-butylphthalate	18.275	149	392063	44.221	ng	100
75) Fluoranthene	19.362	202	502348	43.146	ng	99
77) Benzidine	19.545	184	110945	31.808	ng	98
78) Pyrene	19.727	202	514018	42.721	ng	99
80) Butylbenzylphthalate	20.614	149	178854	46.960	ng	88
81) Benzo(a)anthracene	21.548	228	546478	44.127	ng	98
82) 3,3'-Dichlorobenzidine	21.466	252	141023	31.642	ng	99
83) Chrysene	21.613	228	510580	44.005	ng	99
84) Bis(2-ethylhexyl)phtha...	21.460	149	235861	47.424	ng	93
85) Di-n-octyl phthalate	22.641	149	399039	45.476	ng	99
87) Indeno(1,2,3-cd)pyrene	28.234	276	669332	46.037	ng	99
88) Benzo(b)fluoranthene	23.710	252	546136	44.549	ng	93
89) Benzo(k)fluoranthene	23.769	252	529824	44.923	ng	98
90) Benzo(a)pyrene	24.545	252	500897	46.898	ng	99
91) Dibenzo(a,h)anthracene	28.299	278	547913	45.506	ng #	98
92) Benzo(g,h,i)perylene	29.345	276	508459	42.495	ng #	98

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

