

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052533.D
 Acq On : 2 Mar 2022 11:41
 Operator : CG/JU
 Sample : PB142974BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB142974BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/03/2022
 Supervised By : Jagrut Upadhyay 03/03/2022

Quant Time: Mar 03 02:25:05 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 08 01:21:20 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	28140	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	120303	20.000	ng	# 0.00
39) Acenaphthene-d10	14.870	164	90505	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	233369	20.000	ng	0.00
76) Chrysene-d12	21.937	240	231176	20.000	ng	# 0.00
86) Perylene-d12	25.402	264	244569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.753	112	246520	152.683	ng	0.00
7) Phenol-d6	7.374	99	343756	137.987	ng	0.00
23) Nitrobenzene-d5	9.395	82	231467	83.621	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	182767	140.563	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	549560	84.375	ng	0.00
79) Terphenyl-d14	20.209	244	1155500	88.264	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.579	88	25267	33.986	ng	92
3) Pyridine	3.990	79	63120	29.273	ng	94
4) n-Nitrosodimethylamine	3.896	42	44977	40.397	ng	# 75
6) Aniline	7.533	93	118958	41.101	ng	93
8) 2-Chlorophenol	7.785	128	89667	50.483	ng	97
9) Benzaldehyde	7.339	77	56678	39.893	ng	92
10) Phenol	7.397	94	124946	50.478	ng	96
11) bis(2-Chloroethyl)ether	7.621	93	83217	43.984	ng	91
12) 1,3-Dichlorobenzene	8.108	146	92975	45.943	ng	97
13) 1,4-Dichlorobenzene	8.255	146	95170	46.131	ng	97
14) 1,2-Dichlorobenzene	8.578	146	91449	44.946	ng	95
15) Benzyl Alcohol	8.455	79	95153	46.022	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.749	45	118518	43.380	ng	98
17) 2-Methylphenol	8.666	107	82125	50.280	ng	93
18) Hexachloroethane	9.318	117	32769	45.681	ng	96
19) n-Nitroso-di-n-propyla...	9.025	70	76657	40.816	ng	92
20) 3+4-Methylphenols	8.995	107	110420	47.253	ng	96
22) Acetophenone	9.048	105	138307	43.499	ng	# 94
24) Nitrobenzene	9.436	77	115517	43.995	ng	93
25) Isophorone	9.965	82	214484	45.539	ng	97
26) 2-Nitrophenol	10.158	139	52894	47.527	ng	91
27) 2,4-Dimethylphenol	10.211	122	90145	54.707	ng	91
28) bis(2-Chloroethoxy)met...	10.440	93	115746	43.303	ng	100
29) 2,4-Dichlorophenol	10.705	162	96005	48.608	ng	96
30) 1,2,4-Trichlorobenzene	10.916	180	103432	44.847	ng	98
31) Naphthalene	11.110	128	283815	45.001	ng	95
32) Benzoic acid	10.364	122	40449	39.215	ng	87
33) 4-Chloroaniline	11.210	127	69448	26.375	ng	97
34) Hexachlorobutadiene	11.398	225	66556	42.731	ng	96
35) Caprolactam	11.979	113	34928m	48.526	ng	
36) 4-Chloro-3-methylphenol	12.332	107	110683	49.258	ng	99
37) 2-Methylnaphthalene	12.708	142	211139	45.073	ng	99
38) 1-Methylnaphthalene	12.925	142	202779	44.673	ng	100
40) 1,2,4,5-Tetrachloroben...	13.072	216	128271	43.090	ng	99
41) Hexachlorocyclopentadiene	13.049	237	141096	97.190	ng	95
43) 2,4,6-Trichlorophenol	13.307	196	88080	45.241	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.383	196	94915	44.987	ng	96
46) 1,1'-Biphenyl	13.701	154	299783	45.171	ng	98
47) 2-Chloronaphthalene	13.748	162	224149	43.839	ng	98
48) 2-Nitroaniline	13.941	65	84479	46.408	ng	95
49) Acenaphthylene	14.594	152	385199	46.280	ng	100
50) Dimethylphthalate	14.306	163	311971	44.997	ng	99
51) 2,6-Dinitrotoluene	14.429	165	72691	48.586	ng	# 89
52) Acenaphthene	14.928	154	276597m	50.743	ng	
53) 3-Nitroaniline	14.764	138	52429	33.714	ng	99
54) 2,4-Dinitrophenol	14.975	184	84251	90.263	ng	97
55) Dibenzofuran	15.263	168	375089	43.756	ng	99
56) 4-Nitrophenol	15.081	139	117145	100.307	ng	# 81
57) 2,4-Dinitrotoluene	15.222	165	105608	49.594	ng	# 85
58) Fluorene	15.915	166	316831	46.298	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.492	232	93783	46.530	ng	# 99
60) Diethylphthalate	15.663	149	325907	46.533	ng	97
61) 4-Chlorophenyl-phenyle...	15.898	204	171348	43.956	ng	97
62) 4-Nitroaniline	15.927	138	78576	47.995	ng	# 83
63) Azobenzene	16.191	77	312518	43.588	ng	93
65) 4,6-Dinitro-2-methylph...	15.992	198	62425	44.466	ng	90
66) n-Nitrosodiphenylamine	16.109	169	286943	44.626	ng	97
67) 4-Bromophenyl-phenylether	16.791	248	121468	42.800	ng	99
68) Hexachlorobenzene	16.926	284	136559	44.364	ng	93
69) Atrazine	17.055	200	125595	48.314	ng	94
70) Pentachlorophenol	17.272	266	146569	97.330	ng	98
71) Phenanthrene	17.660	178	542040	45.056	ng	97
72) Anthracene	17.754	178	550147	46.666	ng	99
73) Carbazole	18.018	167	511268	44.466	ng	99
74) Di-n-butylphthalate	18.559	149	585391	46.729	ng	99
75) Fluoranthene	19.663	202	710782	46.400	ng	99
77) Benzidine	19.834	184	296944	60.114	ng	99
78) Pyrene	20.027	202	702913	45.441	ng	100
80) Butylbenzylphthalate	20.891	149	257621	47.945	ng	96
81) Benzo(a)anthracene	21.913	228	698947	45.689	ng	99
82) 3,3'-Dichlorobenzidine	21.813	252	188500	35.296	ng	98
83) Chrysene	21.984	228	649858	44.829	ng	100
84) Bis(2-ethylhexyl)phtha...	21.790	149	365753	49.090	ng	97
85) Di-n-octyl phthalate	23.082	149	624836	50.020	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.403	276	807302	45.108	ng	98
88) Benzo(b)fluoranthene	24.292	252	754862	49.530	ng	99
89) Benzo(k)fluoranthene	24.369	252	692527	45.998	ng	97
90) Benzo(a)pyrene	25.238	252	710922	55.221	ng	# 98
91) Dibenzo(a,h)anthracene	29.462	278	691778	46.791	ng	98
92) Benzo(g,h,i)perylene	30.660	276	687401	47.376	ng	97

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

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