

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049165.D
 Acq On : 2 Jul 2021 13:13
 Operator : CG/JU
 Sample : PB137457BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137457BS

Manual Integrations
 APPROVED

mohammad
 7/7/2021 11:34:19 AM

Quant Time: Jul 02 14:04:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	34743	20.00	ng	0.00
21) Naphthalene-d8	10.907	136	151772	20.00	ng	# 0.00
39) Acenaphthene-d10	14.732	164	114870	20.00	ng	0.00
64) Phenanthrene-d10	17.482	188	262292	20.00	ng	# 0.00
76) Chrysene-d12	21.771	240	259850	20.00	ng	0.00
86) Perylene-d12	25.079	264	252038	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	300308	135.38	ng	0.00
7) Phenol-d6	7.241	99	402425	127.25	ng	0.00
23) Nitrobenzene-d5	9.256	82	285023	79.62	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	228921	114.96	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	631507	74.17	ng	0.00
79) Terphenyl-d14	20.091	244	1144574	74.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.504	88	31693	32.54	ng	# 72
3) Pyridine	3.910	79	82661	31.39	ng	# 87
4) n-Nitrosodimethylamine	3.822	42	69029	46.16	ng	# 81
6) Aniline	7.406	93	133842	34.76	ng	# 89
8) 2-Chlorophenol	7.646	128	115808	47.58	ng	91
9) Benzaldehyde	7.218	77	15100	9.08	ng	# 86
10) Phenol	7.270	94	150577	47.40	ng	92
11) bis(2-Chloroethyl)ether	7.500	93	102804	44.36	ng	82
12) 1,3-Dichlorobenzene	7.976	146	116539	42.81	ng	97
13) 1,4-Dichlorobenzene	8.122	146	119971	43.83	ng	100
14) 1,2-Dichlorobenzene	8.440	146	117259	44.50	ng	95
15) Benzyl Alcohol	8.322	79	127794	45.89	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.616	45	176691	44.92	ng	84
17) 2-Methylphenol	8.528	107	101671	47.49	ng	98
18) Hexachloroethane	9.174	117	47506	43.46	ng	96
19) n-Nitroso-di-n-propyla...	8.892	70	99070	43.59	ng	# 97
20) 3+4-Methylphenols	8.857	107	140042	47.19	ng	94
22) Acetophenone	8.916	105	194126	42.88	ng	# 98
24) Nitrobenzene	9.298	77	153064	39.46	ng	98
25) Isophorone	9.820	82	251799	36.62	ng	96
26) 2-Nitrophenol	10.014	139	64111	41.52	ng	99
27) 2,4-Dimethylphenol	10.067	122	110208	47.57	ng	99
28) bis(2-Chloroethoxy)met...	10.302	93	141891	43.76	ng	94
29) 2,4-Dichlorophenol	10.549	162	118878	42.79	ng	94
30) 1,2,4-Trichlorobenzene	10.766	180	131348	40.14	ng	96
31) Naphthalene	10.960	128	347855	39.37	ng	99
32) Benzoic acid	10.220	122	77565	42.31	ng	84
33) 4-Chloroaniline	11.066	127	64171	17.56	ng	97
34) Hexachlorobutadiene	11.242	225	91226	37.74	ng	96
35) Caprolactam	11.847	113	39031m	44.26	ng	
36) 4-Chloro-3-methylphenol	12.182	107	138530	43.33	ng	# 90
37) 2-Methylnaphthalene	12.558	142	269742	40.54	ng	96
38) 1-Methylnaphthalene	12.782	142	248299	39.40	ng	90
40) 1,2,4,5-Tetrachloroben...	12.929	216	155189	38.73	ng	99
41) Hexachlorocyclopentadiene	12.905	237	217671	91.70	ng	92
43) 2,4,6-Trichlorophenol	13.164	196	109442	39.55	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.240	196	120621	39.86	ng	90
46) 1,1'-Biphenyl	13.563	154	344443	40.14	ng	97
47) 2-Chloronaphthalene	13.610	162	269887	38.22	ng	98
48) 2-Nitroaniline	13.804	65	106921	41.53	ng	97
49) Acenaphthylene	14.456	152	436112	39.17	ng	95
50) Dimethylphthalate	14.180	163	371765	40.33	ng	99
51) 2,6-Dinitrotoluene	14.298	165	81805	38.71	ng	95
52) Acenaphthene	14.797	154	263549	37.98	ng	90
53) 3-Nitroaniline	14.632	138	53815	26.51	ng	94
54) 2,4-Dinitrophenol	14.838	184	107362	74.37	ng	96
55) Dibenzofuran	15.132	168	426987	37.80	ng	98
56) 4-Nitrophenol	14.944	139	139007	84.03	ng	91
57) 2,4-Dinitrotoluene	15.091	165	119655	39.86	ng	95
58) Fluorene	15.778	166	365380	39.11	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.355	232	112952m	40.10	ng	
60) Diethylphthalate	15.543	149	392578	40.19	ng	96
61) 4-Chlorophenyl-phenyle...	15.766	204	201795	39.03	ng	99
62) 4-Nitroaniline	15.796	138	81159	38.49	ng	# 86
63) Azobenzene	16.060	77	377952	38.38	ng	90
65) 4,6-Dinitro-2-methylph...	15.855	198	69111	36.89	ng	90
66) n-Nitrosodiphenylamine	15.984	169	320752	39.10	ng	99
67) 4-Bromophenyl-phenylether	16.665	248	137951	38.99	ng	94
68) Hexachlorobenzene	16.783	284	152745	39.05	ng	98
69) Atrazine	16.930	200	139015	51.03	ng	98
70) Pentachlorophenol	17.130	266	196172	86.15	ng	96
71) Phenanthrene	17.523	178	593536	39.30	ng	99
72) Anthracene	17.617	178	604111	40.12	ng	98
73) Carbazole	17.882	167	554806	38.65	ng	97
74) Di-n-butylphthalate	18.434	149	686947	41.62	ng	97
75) Fluoranthene	19.533	202	752228	39.78	ng	99
77) Benzidine	19.709	184	233987	41.92	ng	97
78) Pyrene	19.891	202	757408	39.24	ng	98
80) Butylbenzylphthalate	20.772	149	294820	40.32	ng	96
81) Benzo(a)anthracene	21.748	228	737821	38.07	ng	99
82) 3,3'-Dichlorobenzidine	21.660	252	190749	28.93	ng	99
83) Chrysene	21.818	228	711889	38.66	ng	97
84) Bis(2-ethylhexyl)phtha...	21.648	149	422642	40.92	ng	97
85) Di-n-octyl phthalate	22.887	149	712846	41.01	ng	98
87) Indeno(1,2,3-cd)pyrene	28.869	276	882126	43.86	ng	# 98
88) Benzo(b)fluoranthene	24.027	252	771227	42.40	ng	# 94
89) Benzo(k)fluoranthene	24.098	252	748285	43.13	ng	# 99
90) Benzo(a)pyrene	24.926	252	739995	44.11	ng	# 97
91) Dibenzo(a,h)anthracene	28.939	278	740108	43.60	ng	# 96
92) Benzo(g,h,i)perylene	30.061	276	735337	43.95	ng	99

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

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