

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
 Data File : BG046707.D
 Acq On : 25 Sep 2020 18:29
 Operator : CG/JU
 Sample : L3871-28MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-092320MSD

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:10:07 AM

Quant Time: Sep 26 02:26:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 21:47:28 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	71832	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	269342	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	192139	20.00	ng	0.00
64) Phenanthrene-d10	17.486	188	481451	20.00	ng	0.00
76) Chrysene-d12	21.769	240	492445	20.00	ng	# 0.00
86) Perylene-d12	25.048	264	500558	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	476312	106.23	ng	0.00
7) Phenol-d6	7.268	99	603182	95.37	ng	0.00
23) Nitrobenzene-d5	9.284	82	477950	94.40	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	354085	139.76	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	1054548	77.70	ng	0.00
79) Terphenyl-d14	20.095	244	2020302	82.22	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.579	88	66954	32.00	ng	# 9
3) Pyridine	3.978	79	207831	35.11	ng	90
4) n-Nitrosodimethylamine	3.884	42	122618	39.59	ng	# 67
6) Aniline	7.445	93	256700	33.58	ng	96
8) 2-Chlorophenol	7.686	128	195044	43.65	ng	88
9) Benzaldehyde	7.257	77	78363	19.22	ng	92
10) Phenol	7.298	94	228883	36.36	ng	76
11) bis(2-Chloroethyl)ether	7.539	93	195004	40.08	ng	90
12) 1,3-Dichlorobenzene	8.015	146	211444	36.65	ng	# 92
13) 1,4-Dichlorobenzene	8.156	146	216376	37.84	ng	97
14) 1,2-Dichlorobenzene	8.479	146	207742	38.95	ng	95
15) Benzyl Alcohol	8.355	79	225121	43.29	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.655	45	325616	38.14	ng	98
17) 2-Methylphenol	8.555	107	176060	43.55	ng	# 88
18) Hexachloroethane	9.213	117	79280	36.76	ng	96
19) n-Nitroso-di-n-propyla...	8.925	70	182720	42.13	ng	88
20) 3+4-Methylphenols	8.878	107	236622	42.95	ng	91
22) Acetophenone	8.943	105	328604	42.00	ng	# 91
24) Nitrobenzene	9.325	77	262838	47.56	ng	# 85
25) Isophorone	9.854	82	477066	43.17	ng	# 93
26) 2-Nitrophenol	10.036	139	107578	53.85	ng	# 67
27) 2,4-Dimethylphenol	10.089	122	194355	48.67	ng	94
28) bis(2-Chloroethoxy)met...	10.329	93	274521	40.27	ng	98
29) 2,4-Dichlorophenol	10.570	162	216893	45.15	ng	97
30) 1,2,4-Trichlorobenzene	10.794	180	231852	40.43	ng	96
31) Naphthalene	10.982	128	599434	41.03	ng	99
32) Benzoic acid	10.136	122	3432m	7.41	ng	
33) 4-Chloroaniline	11.082	127	122433	18.92	ng	# 90
34) Hexachlorobutadiene	11.270	225	159758	38.00	ng	94
35) Caprolactam	11.851	113	60024m	36.89	ng	
36) 4-Chloro-3-methylphenol	12.192	107	237868	46.06	ng	89
37) 2-Methylnaphthalene	12.580	142	460183	42.49	ng	# 94
38) 1-Methylnaphthalene	12.797	142	425046	42.28	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.944	216	283195	41.00	ng	# 95
41) Hexachlorocyclopentadiene	12.932	237	359198	89.41	ng	99
43) 2,4,6-Trichlorophenol	13.173	196	199349	45.89	ng	96

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44) 2,4,5-Trichlorophenol	13.244	196	210652	48.19	ng	#	94
46) 1,1'-Biphenyl	13.584	154	620085	41.98	ng		97
47) 2-Chloronaphthalene	13.626	162	487340	40.60	ng		97
48) 2-Nitroaniline	13.814	65	173497	54.44	ng	#	75
49) Acenaphthylene	14.466	152	748599	42.38	ng		99
50) Dimethylphthalate	14.201	163	664857	43.32	ng		99
51) 2,6-Dinitrotoluene	14.307	165	140591	56.37	ng	#	68
52) Acenaphthene	14.807	154	501035	41.76	ng		97
53) 3-Nitroaniline	14.636	138	96839	34.36	ng	#	74
54) 2,4-Dinitrophenol	14.836	184	43728	32.10	ng	#	51
55) Dibenzofuran	15.141	168	774074	42.73	ng		96
56) 4-Nitrophenol	14.930	139	219385	94.51	ng	#	60
57) 2,4-Dinitrotoluene	15.094	165	201049	60.87	ng	#	77
58) Fluorene	15.788	166	645024	44.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.359	232	212758	48.69	ng	#	94
60) Diethylphthalate	15.559	149	669429	43.38	ng		97
61) 4-Chlorophenyl-phenyle...	15.782	204	368455	44.49	ng		97
62) 4-Nitroaniline	15.800	138	152263	48.66	ng	#	63
63) Azobenzene	16.076	77	660870	43.57	ng		88
65) 4,6-Dinitro-2-methylph...	15.852	198	63023	31.54	ng		80
66) n-Nitrosodiphenylamine	15.993	169	603462	41.72	ng		97
67) 4-Bromophenyl-phenylether	16.675	248	251262	41.30	ng		94
68) Hexachlorobenzene	16.793	284	257988	39.42	ng		93
69) Atrazine	16.939	200	192881	33.19	ng		99
70) Pentachlorophenol	17.127	266	272735	72.18	ng		90
71) Phenanthrene	17.533	178	1101333	42.13	ng		99
72) Anthracene	17.621	178	1120052	43.43	ng		98
73) Carbazole	17.885	167	998669	42.55	ng		97
74) Di-n-butylphthalate	18.449	149	1178253	40.84	ng	#	97
75) Fluoranthene	19.530	202	1401915	42.11	ng		98
77) Benzidine	19.707	184	382492	25.20	ng		99
78) Pyrene	19.895	202	1403785	44.35	ng		99
80) Butylbenzylphthalate	20.782	149	529587	43.30	ng	#	88
81) Benzo(a)anthracene	21.746	228	1383994	42.10	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	362112	28.38	ng		97
83) Chrysene	21.816	228	1316808	41.92	ng		99
84) Bis(2-ethylhexyl)phtha...	21.663	149	761968	42.41	ng		96
85) Di-n-octyl phthalate	22.909	149	1280464	41.44	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.808	276	1599716	43.20	ng	#	86
88) Benzo(b)fluoranthene	24.013	252	1427609	43.52	ng	#	98
89) Benzo(k)fluoranthene	24.084	252	1369676	43.43	ng	#	97
90) Benzo(a)pyrene	24.895	252	1289082	41.76	ng	#	96
91) Dibenzo(a,h)anthracene	28.878	278	1306477	43.13	ng	#	94
92) Benzo(g,h,i)perylene	29.983	276	1313233	44.33	ng	#	95

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

