

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046885.D
 Acq On : 13 Oct 2020 22:27
 Operator : CG/JU
 Sample : L4225-09MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-100920MSD

Manual Integrations
 APPROVED

mohammad
 10/14/2020 10:25:34 AM

Quant Time: Oct 14 01:06:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	69038	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	269295	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	197031	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	472012	20.00	ng	# 0.00
76) Chrysene-d12	21.746	240	498110	20.00	ng	#-0.01
86) Perylene-d12	25.013	264	501988	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	505738	117.36	ng	0.00
7) Phenol-d6	7.257	99	625131	102.84	ng	0.00
23) Nitrobenzene-d5	9.267	82	537105	106.11	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	403499	155.31	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	1223670	87.92	ng	0.00
79) Terphenyl-d14	20.077	244	2139219	86.07	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.573	88	61452	30.56	ng	# 28
3) Pyridine	3.973	79	170019	29.89	ng	94
4) n-Nitrosodimethylamine	3.873	42	108978	36.61	ng	# 64
6) Aniline	7.427	93	172643	23.50	ng	95
8) 2-Chlorophenol	7.668	128	205529	47.86	ng	93
9) Benzaldehyde	7.239	77	39289	6.49	ng	93
10) Phenol	7.286	94	231581	38.27	ng	75
11) bis(2-Chloroethyl)ether	7.521	93	201060	42.99	ng	96
12) 1,3-Dichlorobenzene	7.997	146	225331	40.63	ng	# 93
13) 1,4-Dichlorobenzene	8.138	146	228577	41.59	ng	98
14) 1,2-Dichlorobenzene	8.462	146	223657	43.64	ng	97
15) Benzyl Alcohol	8.338	79	223515	44.72	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.626	45	286812	34.95	ng	98
17) 2-Methylphenol	8.538	107	178719	46.00	ng	# 92
18) Hexachloroethane	9.196	117	83977	40.51	ng	96
19) n-Nitroso-di-n-propyla...	8.908	70	176235	42.28	ng	94
20) 3+4-Methylphenols	8.867	107	245606	46.38	ng	90
22) Acetophenone	8.926	105	333364	42.62	ng	# 92
24) Nitrobenzene	9.308	77	268464	48.59	ng	# 88
25) Isophorone	9.831	82	477401	43.21	ng	94
26) 2-Nitrophenol	10.024	139	122982	61.57	ng	# 82
27) 2,4-Dimethylphenol	10.077	122	201381	50.44	ng	88
28) bis(2-Chloroethoxy)met...	10.312	93	271853	39.88	ng	98
29) 2,4-Dichlorophenol	10.559	162	234852	48.90	ng	95
30) 1,2,4-Trichlorobenzene	10.776	180	249746	43.56	ng	97
31) Naphthalene	10.964	128	641438	43.91	ng	100
32) Benzoic acid	10.207	122	131541	47.32	ng	# 79
33) 4-Chloroaniline	11.064	127	39315	6.08	ng	# 90
34) Hexachlorobutadiene	11.252	225	182561	43.43	ng	96
35) Caprolactam	11.840	113	56089m	34.48	ng	
36) 4-Chloro-3-methylphenol	12.181	107	245783	47.60	ng	93
37) 2-Methylnaphthalene	12.563	142	487372	45.01	ng	# 95
38) 1-Methylnaphthalene	12.780	142	454999m	45.27	ng	
40) 1,2,4,5-Tetrachloroben...	12.927	216	315605	44.56	ng	# 98
41) Hexachlorocyclopentadiene	12.909	237	385942	93.68	ng	99
43) 2,4,6-Trichlorophenol	13.162	196	219829	49.35	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.232	196	234304	52.27	ng	#	95
46) 1,1'-Biphenyl	13.561	154	672006	44.36	ng		98
47) 2-Chloronaphthalene	13.608	162	520338	42.27	ng		98
48) 2-Nitroaniline	13.802	65	180120	55.12	ng	#	82
49) Acenaphthylene	14.455	152	793746	43.82	ng		99
50) Dimethylphthalate	14.178	163	764766	48.59	ng		99
51) 2,6-Dinitrotoluene	14.296	165	161038	62.97	ng	#	79
52) Acenaphthene	14.795	154	628080m	51.05	ng		
53) 3-Nitroaniline	14.625	138	67550	23.37	ng		82
54) 2,4-Dinitrophenol	14.831	184	199866	143.08	ng	#	73
55) Dibenzofuran	15.124	168	828594	44.61	ng		95
56) 4-Nitrophenol	14.930	139	235126	98.77	ng	#	63
57) 2,4-Dinitrotoluene	15.083	165	227412	67.15	ng	#	82
58) Fluorene	15.777	166	675762	45.43	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.348	232	226398m	50.53	ng		
60) Diethylphthalate	15.541	149	701389	44.33	ng		97
61) 4-Chlorophenyl-phenyle...	15.765	204	402606	47.41	ng		98
62) 4-Nitroaniline	15.788	138	145040	45.20	ng	#	64
63) Azobenzene	16.059	77	641290	41.23	ng		93
65) 4,6-Dinitro-2-methylph...	15.841	198	144699	73.86	ng		90
66) n-Nitrosodiphenylamine	15.976	169	636478	44.88	ng		98
67) 4-Bromophenyl-phenylether	16.658	248	267185	44.80	ng		96
68) Hexachlorobenzene	16.775	284	280022	43.64	ng		91
69) Atrazine	16.916	200	199097	34.94	ng		98
70) Pentachlorophenol	17.116	266	397454	107.30	ng		90
71) Phenanthrene	17.516	178	1148652	44.82	ng		99
72) Anthracene	17.604	178	1160322	45.89	ng		98
73) Carbazole	17.868	167	1026735	44.62	ng		98
74) Di-n-butylphthalate	18.426	149	1188768	42.03	ng	#	98
75) Fluoranthene	19.519	202	1458496	44.69	ng		97
77) Benzidine	19.690	184	369355	24.06	ng		99
78) Pyrene	19.878	202	1433841	44.78	ng		100
80) Butylbenzylphthalate	20.759	149	549456	44.41	ng		92
81) Benzo(a)anthracene	21.728	228	1470202	44.21	ng		99
82) 3,3'-Dichlorobenzidine	21.634	252	319720	24.77	ng		99
83) Chrysene	21.793	228	1403610	44.17	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	778200	42.82	ng		97
85) Di-n-octyl phthalate	22.856	149	1326734	42.45	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.755	276	1730280	46.59	ng	#	88
88) Benzo(b)fluoranthene	23.979	252	1523414	46.31	ng	#	98
89) Benzo(k)fluoranthene	24.049	252	1485897	46.98	ng	#	97
90) Benzo(a)pyrene	24.866	252	1373942	44.38	ng	#	97
91) Dibenzo(a,h)anthracene	28.820	278	1418879	46.70	ng	#	95
92) Benzo(g,h,i)perylene	29.925	276	1430263	48.14	ng	#	93

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

