

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110420\
 Data File : BG047214.D
 Acq On : 4 Nov 2020 16:56
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG110420

Manual Integrations
 APPROVED

mohammad
 11/5/2020 11:31:57 AM

Quant Time: Nov 04 17:37:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.003	152	52184	20.00	ng	0.00
21) Naphthalene-d8	10.818	136	193340	20.00	ng	0.00
39) Acenaphthene-d10	14.643	164	134948	20.00	ng	0.00
64) Phenanthrene-d10	17.387	188	340845	20.00	ng	# 0.00
76) Chrysene-d12	21.646	240	362780	20.00	ng	# 0.00
86) Perylene-d12	24.842	264	380865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.559	112	255912	79.49	ng	0.00
7) Phenol-d6	7.163	99	374847	80.43	ng	0.00
23) Nitrobenzene-d5	9.173	82	373648	82.94	ng	0.00
42) 2,4,6-Tribromophenol	16.129	330	197625	87.45	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	870873	82.77	ng	0.00
79) Terphenyl-d14	19.995	244	1701700	82.49	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	62602	39.26	ng	# 96
3) Pyridine	3.832	79	174877	41.01	ng	# 93
4) n-Nitrosodimethylamine	3.750	42	86284	40.35	ng	# 74
6) Aniline	7.328	93	220803	40.14	ng	92
8) 2-Chlorophenol	7.569	128	135465	39.63	ng	94
9) Benzaldehyde	7.140	77	129025	41.16	ng	86
10) Phenol	7.187	94	174851	39.55	ng	74
11) bis(2-Chloroethyl)ether	7.422	93	137211	39.13	ng	98
12) 1,3-Dichlorobenzene	7.898	146	175819	39.52	ng	# 91
13) 1,4-Dichlorobenzene	8.039	146	177022	39.63	ng	97
14) 1,2-Dichlorobenzene	8.362	146	168452	39.76	ng	96
15) Benzyl Alcohol	8.238	79	149365	41.71	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.532	45	214503	39.63	ng	96
17) 2-Methylphenol	8.444	107	118575	39.63	ng	# 88
18) Hexachloroethane	9.090	117	63585	38.87	ng	94
19) n-Nitroso-di-n-propyla...	8.814	70	123268	40.25	ng	95
20) 3+4-Methylphenols	8.773	107	164700	41.10	ng	92
22) Acetophenone	8.826	105	228730	41.03	ng	# 91
24) Nitrobenzene	9.214	77	185554	40.48	ng	# 86
25) Isophorone	9.737	82	321235	41.61	ng	94
26) 2-Nitrophenol	9.925	139	81732	41.34	ng	# 71
27) 2,4-Dimethylphenol	9.978	122	110305	41.55	ng	87
28) bis(2-Chloroethoxy)met...	10.218	93	189132	40.48	ng	98
29) 2,4-Dichlorophenol	10.459	162	151862	41.40	ng	96
30) 1,2,4-Trichlorobenzene	10.677	180	182237	40.30	ng	98
31) Naphthalene	10.865	128	449650	40.62	ng	99
32) Benzoic acid	10.113	122	91353	39.89	ng	# 87
33) 4-Chloroaniline	10.970	127	190424	40.89	ng	# 93
34) Hexachlorobutadiene	11.153	225	136318	39.84	ng	99
35) Caprolactam	11.740	113	51741	43.17	ng	95
36) 4-Chloro-3-methylphenol	12.087	107	155699	41.65	ng	93
37) 2-Methylnaphthalene	12.469	142	341588	41.06	ng	# 94
38) 1-Methylnaphthalene	12.692	142	318963m	40.35	ng	
40) 1,2,4,5-Tetrachloroben...	12.839	216	224765	42.18	ng	99
41) Hexachlorocyclopentadiene	12.815	237	118783	43.01	ng	99
43) 2,4,6-Trichlorophenol	13.074	196	147036	42.45	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.144	196	150083	42.67	ng	#	96
46) 1,1'-Biphenyl	13.479	154	451347	40.85	ng		97
47) 2-Chloronaphthalene	13.520	162	378256	41.97	ng		96
48) 2-Nitroaniline	13.720	65	133066	44.55	ng	#	77
49) Acenaphthylene	14.367	152	548924	41.64	ng		97
50) Dimethylphthalate	14.090	163	499413	41.91	ng		99
51) 2,6-Dinitrotoluene	14.214	165	109928	44.47	ng	#	77
52) Acenaphthene	14.707	154	359973	42.72	ng		96
53) 3-Nitroaniline	14.543	138	111043	45.13	ng	#	77
54) 2,4-Dinitrophenol	14.748	184	71411	45.03	ng	#	80
55) Dibenzofuran	15.042	168	581710	41.98	ng		97
56) 4-Nitrophenol	14.842	139	89328	46.87	ng	#	70
57) 2,4-Dinitrotoluene	15.001	165	158128	43.82	ng	#	78
58) Fluorene	15.688	166	468485	42.07	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.265	232	158007	42.79	ng	#	96
60) Diethylphthalate	15.453	149	500767	42.54	ng		97
61) 4-Chlorophenyl-phenyle...	15.683	204	278680	42.26	ng		98
62) 4-Nitroaniline	15.706	138	121204	45.87	ng	#	67
63) Azobenzene	15.971	77	438495	41.56	ng		90
65) 4,6-Dinitro-2-methylph...	15.765	198	100363	42.35	ng		92
66) n-Nitrosodiphenylamine	15.894	169	426127	40.64	ng		97
67) 4-Bromophenyl-phenylether	16.576	248	196004	41.17	ng		98
68) Hexachlorobenzene	16.693	284	212426	41.07	ng		98
69) Atrazine	16.840	200	188075	41.94	ng		97
70) Pentachlorophenol	17.034	266	125046	44.37	ng		97
71) Phenanthrene	17.428	178	814322	41.17	ng		98
72) Anthracene	17.522	178	784762	40.84	ng		98
73) Carbazole	17.786	167	706728	41.66	ng		98
74) Di-n-butylphthalate	18.344	149	871275	42.00	ng	#	97
75) Fluoranthene	19.437	202	1043385	41.41	ng		96
77) Benzidine	19.613	184	515838	42.40	ng		98
78) Pyrene	19.801	202	1044588	41.35	ng		98
80) Butylbenzylphthalate	20.677	149	401692	42.15	ng		89
81) Benzo(a)anthracene	21.629	228	1067266	41.50	ng		100
82) 3,3'-Dichlorobenzidine	21.540	252	382732	43.01	ng		96
83) Chrysene	21.693	228	1011423	40.86	ng		99
84) Bis(2-ethylhexyl)phtha...	21.529	149	569571	42.72	ng		95
85) Di-n-octyl phthalate	22.727	149	955192	42.63	ng		97
87) Indeno(1,2,3-cd)pyrene	28.474	276	1204735	41.67	ng	#	88
88) Benzo(b)fluoranthene	23.826	252	1078242	41.47	ng	#	97
89) Benzo(k)fluoranthene	23.897	252	1064295	41.91	ng	#	96
90) Benzo(a)pyrene	24.690	252	1017745	41.94	ng	#	97
91) Dibenzo(a,h)anthracene	28.532	278	966229	41.06	ng	#	95
92) Benzo(g,h,i)perylene	29.619	276	958961	41.10	ng	#	93

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

mohammad
11/5/2020 11:31:57 AM

Abundance

TIC: BG047214.D\data.ms

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00 32.00

1,4-Dioxane
n-Nitrophenylamine,
2-Fluorophenol,S
2-Fluorobiphenyl,S
2-Nitrophenol-d6,S
2-Nitrophenol,S
1,4-Dichlorobenzene,C
2,2'-oxybis(1-methylpiperazine),P
Hexachlorobenzene-d5,S
Hexachlorobenzene
Isophorone
2-Nitrophenylphenol
Benzocyclopentadiene
2,4-Dichlorobenzene
Naphthalene
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
Hexachlorobenzene
2,4,6-Trichlorophenol,C
2-Nitroaniline
2-Chlorobiphenyl
2,6-Dinitrophenylphthalate
Acenaphthylene
3-Methylphenol
2,4-Dinitrophenol
2,4,6-Trichlorophenol
4,6-Dinitro-2-nitrophenol
4,6-Dinitro-2-nitrophenol
Acenaphthylene
4-Bromophenylphenyl ether
4-Bromophenylphenyl ether
Pentachlorophenol,C
Phenanthrene-d10
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene,C
Pyrene
Butylbenzylphthalate
Chrysene
Benzo(b)fluoranthene
Di-n-octyl phthalate,c
Benzo(a)pyrene,C
Perylene-d12,T
Indeno(1,2,3-cd)pyrene,C
Benzo(g,h,i)perylene