

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047960.D
 Acq On : 21 Jan 2021 19:22
 Operator : CG/JU
 Sample : M1169-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CMS

Manual Integrations
 APPROVED

mohammad
 1/22/2021 11:55:22 AM

Quant Time: Jan 21 23:40:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	49353	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	190807	20.00	ng	# 0.00
39) Acenaphthene-d10	14.772	164	141088	20.00	ng	0.00
64) Phenanthrene-d10	17.515	188	338346	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	346855	20.00	ng	# 0.00
86) Perylene-d12	25.107	264	352424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.706	112	356319	117.75	ng	0.00
7) Phenol-d6	7.298	99	472879	103.52	ng	0.00
23) Nitrobenzene-d5	9.313	82	344446	79.38	ng	0.00
42) 2,4,6-Tribromophenol	16.258	330	273196	121.00	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	795123	75.26	ng	0.00
79) Terphenyl-d14	20.118	244	1340882	71.47	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.602	88	41896	30.17	ng	# 20
3) Pyridine	4.002	79	105195	25.07	ng	92
4) n-Nitrosodimethylamine	3.902	42	83468	39.64	ng	# 70
6) Aniline	7.468	93	69624	12.77	ng	95
8) 2-Chlorophenol	7.709	128	140292	45.04	ng	86
9) Benzaldehyde	7.280	77	109130	42.98	ng	83
10) Phenol	7.321	94	198045	45.79	ng	73
11) bis(2-Chloroethyl)ether	7.562	93	138281	40.63	ng	93
12) 1,3-Dichlorobenzene	8.038	146	151548	38.26	ng	# 90
13) 1,4-Dichlorobenzene	8.185	146	152397	38.36	ng	96
14) 1,2-Dichlorobenzene	8.502	146	150485	39.46	ng	94
15) Benzyl Alcohol	8.379	79	162172	42.50	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.679	45	218818	38.00	ng	99
17) 2-Methylphenol	8.585	107	125448	43.41	ng	# 87
18) Hexachloroethane	9.243	117	56441	37.80	ng	93
19) n-Nitroso-di-n-propyla...	8.955	70	125771	38.90	ng	96
20) 3+4-Methylphenols	8.908	107	170451	42.96	ng	87
22) Acetophenone	8.972	105	227184	40.34	ng	# 91
24) Nitrobenzene	9.354	77	189462	43.24	ng	# 83
25) Isophorone	9.883	82	331643	40.69	ng	# 94
26) 2-Nitrophenol	10.065	139	78660	48.08	ng	# 71
27) 2,4-Dimethylphenol	10.118	122	128398	47.13	ng	89
28) bis(2-Chloroethoxy)met...	10.359	93	188553	38.90	ng	98
29) 2,4-Dichlorophenol	10.606	162	154785	45.55	ng	98
30) 1,2,4-Trichlorobenzene	10.823	180	169987	39.12	ng	95
31) Naphthalene	11.017	128	433749	41.02	ng	100
32) Benzoic acid	10.247	122	88071	41.43	ng	# 85
33) 4-Chloroaniline	11.117	127	11514	2.46	ng	# 87
34) Hexachlorobutadiene	11.299	225	127606	39.40	ng	97
35) Caprolactam	11.887	113	41566m	32.47	ng	
36) 4-Chloro-3-methylphenol	12.222	107	171992	45.48	ng	90
37) 2-Methylnaphthalene	12.609	142	333818	41.60	ng	# 95
38) 1-Methylnaphthalene	12.827	142	316785m	42.17	ng	
40) 1,2,4,5-Tetrachloroben...	12.974	216	225781	41.92	ng	# 98
41) Hexachlorocyclopentadiene	12.956	237	207805	72.21	ng	95
43) 2,4,6-Trichlorophenol	13.203	196	154380	44.89	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.273	196	164694	46.75	ng	#	95
46) 1,1'-Biphenyl	13.608	154	453062	42.12	ng		97
47) 2-Chloronaphthalene	13.649	162	351284	40.32	ng		95
48) 2-Nitroaniline	13.843	65	126916	41.71	ng	#	74
49) Acenaphthylene	14.495	152	562186	41.13	ng		99
50) Dimethylphthalate	14.225	163	503877	41.08	ng		98
51) 2,6-Dinitrotoluene	14.337	165	104564	44.29	ng	#	63
52) Acenaphthene	14.836	154	383710	42.33	ng		99
53) 3-Nitroaniline	14.666	138	34650	13.45	ng	#	95
54) 2,4-Dinitrophenol	14.866	184	68602	50.71	ng	#	70
55) Dibenzofuran	15.171	168	560240	41.57	ng		95
56) 4-Nitrophenol	14.960	139	163092	81.09	ng	#	55
57) 2,4-Dinitrotoluene	15.124	165	144015	43.47	ng	#	78
58) Fluorene	15.817	166	472174	41.26	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	160636	43.91	ng		97
60) Diethylphthalate	15.582	149	470040	39.07	ng		96
61) 4-Chlorophenyl-phenyle...	15.806	204	278773	40.75	ng		98
62) 4-Nitroaniline	15.823	138	92167	32.50	ng	#	63
63) Azobenzene	16.099	77	480501	40.75	ng		89
65) 4,6-Dinitro-2-methylph...	15.882	198	55859	32.77	ng		81
66) n-Nitrosodiphenylamine	16.017	169	429817	43.52	ng		98
67) 4-Bromophenyl-phenylether	16.699	248	189614	42.25	ng		95
68) Hexachlorobenzene	16.822	284	200235	42.04	ng		98
69) Atrazine	16.963	200	151095	41.00	ng		96
70) Pentachlorophenol	17.157	266	244882	89.26	ng		96
71) Phenanthrene	17.557	178	765191	41.82	ng		97
72) Anthracene	17.651	178	782870	43.70	ng		99
73) Carbazole	17.909	167	676812	41.42	ng		99
74) Di-n-butylphthalate	18.473	149	791283	40.68	ng	#	97
75) Fluoranthene	19.560	202	991419	40.71	ng		97
77) Benzidine	19.730	184	136847	15.42	ng		99
78) Pyrene	19.918	202	986924	42.05	ng		98
80) Butylbenzylphthalate	20.806	149	349678	42.06	ng		90
81) Benzo(a)anthracene	21.775	228	1008142	42.08	ng		99
82) 3,3'-Dichlorobenzidine	21.687	252	145042	17.50	ng	#	99
83) Chrysene	21.846	228	966970	42.15	ng		99
84) Bis(2-ethylhexyl)phtha...	21.687	149	498081	42.15	ng		95
85) Di-n-octyl phthalate	22.938	149	857790	43.33	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.896	276	1207791	44.78	ng	#	89
88) Benzo(b)fluoranthene	24.055	252	1047705	44.68	ng	#	96
89) Benzo(k)fluoranthene	24.125	252	1019822	44.78	ng	#	97
90) Benzo(a)pyrene	24.954	252	962492	43.58	ng	#	97
91) Dibenzo(a,h)anthracene	28.967	278	1001731	45.54	ng	#	95
92) Benzo(g,h,i)perylene	30.077	276	988464	45.97	ng	#	94

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

mohammad
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Abundance

TIC: BG047960.D\data.ms

Time-->

1,4-Dioxane
n-Propylamine,
N-methyl-,
2-fluorophenol, S
2-Fluorophenol, S
Aniline
Phenol-C
bis(2-chlorophenyl) ether
1,4-Dichlorobenzene, C
2,2'-oxybis[1-fluorobenzene]
3,4-Methylenedipropylamine, P
Hexachlorobenzene-d5, S
Isobutylene
2-Nitrophenol
Benzoic acid
2-Chloroethoxymethane
2,4-Dichlorobenzene
4-Chloroaniline
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
1-Methyl-2-naphthalene
2,4,6-Trichlorophenol, C
2-Nitroaniline
2-Chloronaphthalene
2,6-Dinitrotoluene
Acenaphthylene
3-Nitroaniline
Acenaphthene, C
2,4-Dinitrotoluene
2,3,4,6-Tetrachlorophenol
4,6-Dinitro-2-methylphenol
Azobenzene
4-Nitrosodiphenylamine
2,4,6-Trichlorophenol, S
Atrazine
4-Bromobenzyl
Pentachlorophenyl ether
Pentachlorophenol, C
Phthalic anhydride
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene, C
Pyrene
Butylbenzylphthalate
Benzene
Benzothiazole
Di-n-octyl phthalate, c
Benzo(b)fluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene
Terphenyl-d14,S