

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047859.D
 Acq On : 31 Dec 2020 22:15
 Operator : CG/JU
 Sample : L5242-21MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-7(434+26)MS

Manual Integrations
 APPROVED

mohammad
 1/4/2021 11:51:57 AM

Quant Time: Dec 31 23:50:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	33893	20.00	ng	# 0.00
21) Naphthalene-d8	11.024	136	126435	20.00	ng	# 0.00
39) Acenaphthene-d10	14.825	164	99426	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	261283	20.00	ng	# 0.00
76) Chrysene-d12	21.834	240	253955	20.00	ng	# 0.00
86) Perylene-d12	25.172	264	263516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.730	112	227947	116.35	ng	0.00
7) Phenol-d6	7.346	99	297740	103.96	ng	0.00
23) Nitrobenzene-d5	9.367	82	264402	76.92	ng	0.00
42) 2,4,6-Tribromophenol	16.306	330	224066	132.01	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	589699	76.75	ng	0.00
79) Terphenyl-d14	20.142	244	1196631	77.64	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.562	88	24391	28.98	ng	# 34
3) Pyridine	3.985	79	57878	26.64	ng	# 77
4) n-Nitrosodimethylamine	3.879	42	66883	38.91	ng	# 43
6) Aniline	7.510	93	77939	24.53	ng	# 90
8) 2-Chlorophenol	7.757	128	90765	45.45	ng	93
9) Benzaldehyde	7.322	77	24170	12.88	ng	# 79
10) Phenol	7.369	94	118051	45.46	ng	# 45
11) bis(2-Chloroethyl)ether	7.604	93	81165	43.86	ng	98
12) 1,3-Dichlorobenzene	8.086	146	102420	38.04	ng	# 82
13) 1,4-Dichlorobenzene	8.233	146	105207	39.11	ng	93
14) 1,2-Dichlorobenzene	8.556	146	101372m	40.08	ng	
15) Benzyl Alcohol	8.432	79	116574	45.94	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.726	45	73085	39.76	ng	83
17) 2-Methylphenol	8.632	107	82261	44.90	ng	# 80
18) Hexachloroethane	9.290	117	38183	36.20	ng	95
19) n-Nitroso-di-n-propyla...	9.002	70	83738	42.02	ng	# 93
20) 3+4-Methylphenols	8.967	107	110500	44.02	ng	# 82
22) Acetophenone	9.026	105	153087	42.31	ng	# 90
24) Nitrobenzene	9.414	77	133016	41.00	ng	# 84
25) Isophorone	9.937	82	236651	45.66	ng	# 93
26) 2-Nitrophenol	10.125	139	55915	43.56	ng	# 45
27) 2,4-Dimethylphenol	10.178	122	92116	49.86	ng	89
28) bis(2-Chloroethoxy)met...	10.413	93	107356	40.07	ng	96
29) 2,4-Dichlorophenol	10.665	162	107427	44.65	ng	95
30) 1,2,4-Trichlorobenzene	10.883	180	121023	39.20	ng	96
31) Naphthalene	11.076	128	299817	43.15	ng	98
32) Benzoic acid	10.289	122	15729	16.21	ng	89
33) 4-Chloroaniline	11.176	127	22307	7.56	ng	# 79
34) Hexachlorobutadiene	11.353	225	101007	37.10	ng	95
35) Caprolactam	11.952	113	26127m	34.19	ng	
36) 4-Chloro-3-methylphenol	12.281	107	125608	47.77	ng	# 81
37) 2-Methylnaphthalene	12.663	142	237171	44.00	ng	# 85
38) 1-Methylnaphthalene	12.886	142	217744	42.74	ng	# 94
40) 1,2,4,5-Tetrachloroben...	13.027	216	163377	40.04	ng	# 95
41) Hexachlorocyclopentadiene	13.004	237	189275	85.66	ng	99
43) 2,4,6-Trichlorophenol	13.262	196	112409	43.11	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.339	196	123156	47.74	ng	#	90
46) 1,1'-Biphenyl	13.656	154	316614	41.73	ng		96
47) 2-Chloronaphthalene	13.703	162	247059	40.05	ng		94
48) 2-Nitroaniline	13.903	65	98897	43.38	ng	#	76
49) Acenaphthylene	14.549	152	405769	44.32	ng		98
50) Dimethylphthalate	14.267	163	388756	45.36	ng		99
51) 2,6-Dinitrotoluene	14.384	165	79902	45.86	ng	#	44
52) Acenaphthene	14.884	154	311657m	48.26	ng		
53) 3-Nitroaniline	14.713	138	42567	24.66	ng	#	71
54) 2,4-Dinitrophenol	14.925	184	73516	65.86	ng	#	50
55) Dibenzofuran	15.219	168	418979	44.75	ng		92
56) 4-Nitrophenol	15.019	139	110098	88.46	ng	#	19
57) 2,4-Dinitrotoluene	15.172	165	117261	45.27	ng	#	63
58) Fluorene	15.865	166	357529	44.96	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.442	232	124679	47.31	ng	#	95
60) Diethylphthalate	15.618	149	370609	44.85	ng		97
61) 4-Chlorophenyl-phenyle...	15.847	204	216993	43.30	ng		99
62) 4-Nitroaniline	15.877	138	76563	40.32	ng	#	30
63) Azobenzene	16.141	77	354681	46.04	ng		84
65) 4,6-Dinitro-2-methylph...	15.935	198	65191	39.05	ng		80
66) n-Nitrosodiphenylamine	16.059	169	334594	44.75	ng		92
67) 4-Bromophenyl-phenylether	16.740	248	146602	41.76	ng	#	93
68) Hexachlorobenzene	16.864	284	160062	42.03	ng	#	88
69) Atrazine	16.993	200	125257	39.89	ng		97
70) Pentachlorophenol	17.205	266	184529	68.69	ng		98
71) Phenanthrene	17.598	178	625986	44.44	ng		98
72) Anthracene	17.692	178	630414	46.16	ng		98
73) Carbazole	17.957	167	540108	45.17	ng		98
74) Di-n-butylphthalate	18.491	149	629215	44.64	ng	#	96
75) Fluoranthene	19.596	202	854553	45.25	ng		93
77) Benzidine	19.760	184	142732	20.90	ng		98
78) Pyrene	19.954	202	833010	45.79	ng		97
80) Butylbenzylphthalate	20.818	149	275809	44.21	ng	#	85
81) Benzo(a)anthracene	21.811	228	813348	44.59	ng		98
82) 3,3'-Dichlorobenzidine	21.711	252	182940	28.50	ng		99
83) Chrysene	21.881	228	770549	44.73	ng		96
84) Bis(2-ethylhexyl)phtha...	21.688	149	388585	45.19	ng		93
85) Di-n-octyl phthalate	22.939	149	658780	45.18	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.026	276	943317	47.15	ng	#	79
88) Benzo(b)fluoranthene	24.108	252	871307	47.96	ng	#	95
89) Benzo(k)fluoranthene	24.185	252	842244	47.81	ng	#	95
90) Benzo(a)pyrene	25.019	252	773124	45.73	ng	#	94
91) Dibenzo(a,h)anthracene	29.091	278	779986	48.12	ng	#	92
92) Benzo(g,h,i)perylene	30.236	276	777410	49.04	ng	#	89

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

